

**STATE OF NEW YORK
DEPARTMENT OF CONSERVATION
WATER POWER AND CONTROL COMMISSION**

**RECORD OF WELLS
IN
NASSAU COUNTY, N. Y.
SUPPLEMENT 2**

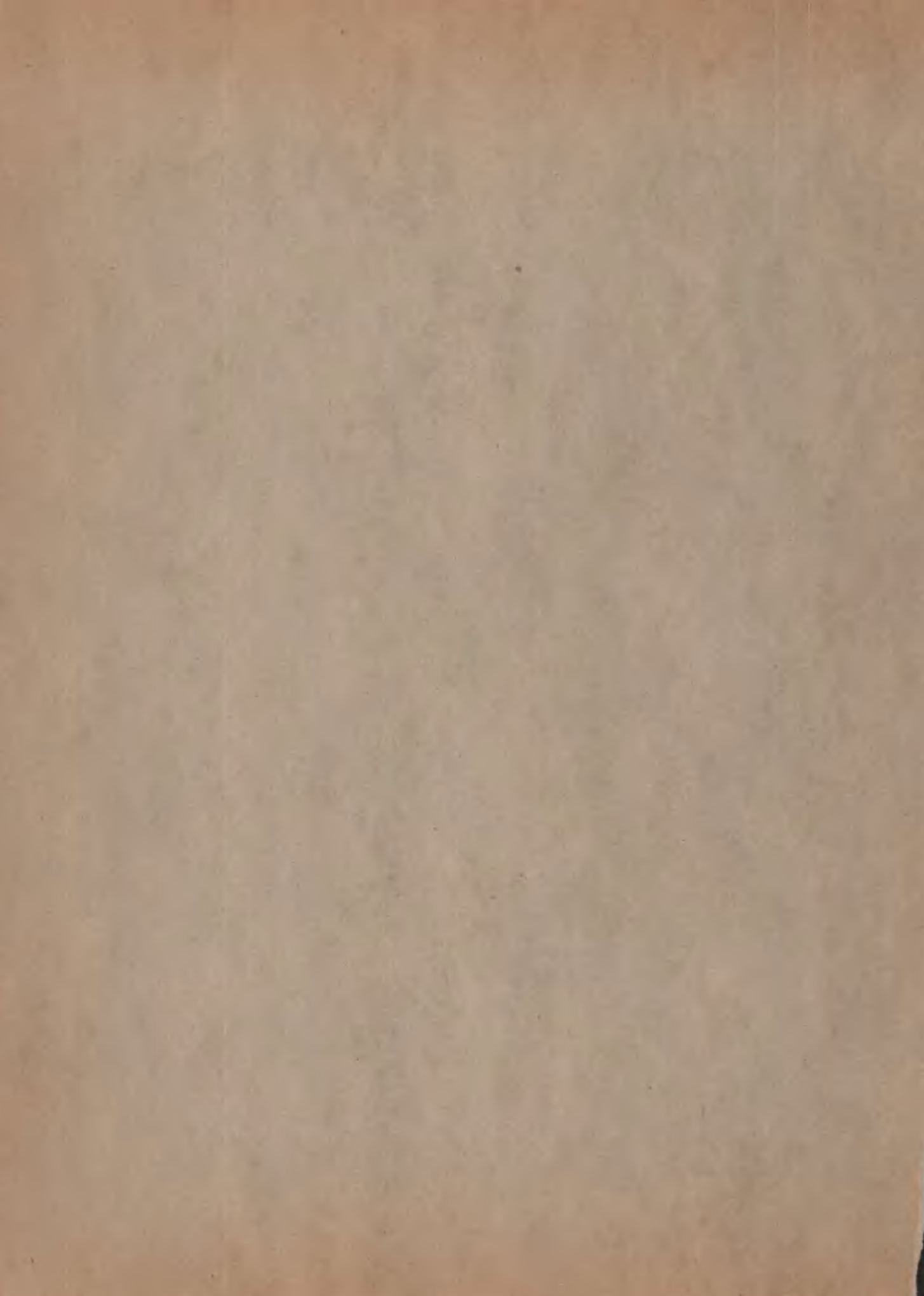
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**PREPARED BY THE STAFF OF THE LONG ISLAND
OFFICE OF THE WATER POWER AND CONTROL COMMISSION**



BULLETIN GW-39

**ALBANY
1958**



STATE OF NEW YORK
DEPARTMENT OF CONSERVATION
WATER POWER AND CONTROL COMMISSION

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RECORD OF WELL LOGS IN NASSAU COUNTY

In 1906 the United States Geological Survey professional paper No. 44 (Underground Water Resources of Long Island, New York) by A. C. Veatch, C. S. Slichter, Isaiah Bowman, W. Crosby and R. E. Horton was published. This constituted the first descriptive report and publication of the logs of wells drilled or recorded on Long Island and 44 of the 900 wells listed are located in Nassau county.

In 1938 New York State Water Power and Control Commission Ground Water Bulletin No. 5 "Record of Wells, Nassau County" was published which supplied similar data on 207 additional wells.

New York State Water Power and Control Commission Ground Water Bulletin No. 10 "Record of Wells in Nassau County" published in 1946 added the logs of 213 wells to the published records. This bulletin and the two previous publications listed above gave consideration to all wells of record in Nassau county up to well number N-2132.

The well numbering system used in these Ground Water Bulletins is in general used by drillers, engineers and others on Long Island and was originated by the Water Power and Control Commission. Each well has been assigned a separate number that carries the first letter of the County name N-5136, N-5962, etc. In general the numbers have been assigned in each county in the order in which the records were filed, and the numbers therefore have no geographic significance.

The files of the Commission as of January 1, 1957, the closing date of this report, contained records of 6,100 wells put down in Nassau county. The present report starts where Ground Water Bulletin No. 10 ended and contains the logs of 676 wells so that the number of logs of wells located in Nassau county which have been published (total of three previous publications and this bulletin) totals 1140.

As there are records in the Commission's office of 6100 wells in Nassau county, although only 1140 logs of those wells have been published, there appears to be a considerable amount of information which has not been made available. Actually, all data of importance existing on the records of all of the recorded wells has been published. In compiling this report records have not been used which concern shallow well points or which are otherwise so incomplete that no information is recorded that would be helpful to the geologist, well driller or other persons seeking data. A further elimination has been made by selecting the one most informative record where a number of wells are located in a small area.

The location of the wells whose logs are given in this report are shown on Plate No. 1 at the end of the report. To aid the reader in finding a well location, the map is divided into rectangles which at the margins are lettered B, C, D and E from bottom to top, and numbered 4, 5, 6, 7 and 8 from left to right. These co-ordinates are given in the heading of each well log (following the well number). These logs are generally based on information given by completion reports for the wells filed by the well drillers and the locations of the wells were also obtained from these reports.

All measurements are from land surfaces unless otherwise noted.

Copies of this and other Ground Water Bulletins of the Water Power and Control Commission may be consulted at the office of the Commission in either Albany or Jamaica, at most of the libraries on Long Island and metropolitan New York. A list of these reports is given at the end of this bulletin.

N-2134. (C-5) Alarie Realty Corp. (Wedemeyer Bldg.), Jericho Turnpike and Denton Avenue, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., August 2, 1946.

Log:	Thickness (feet)	Depth (feet)
Fine brown sand and gravel	6	6
Medium coarse brown sand, grits, gravel	29	35
Coarse brown sand, grits	11	46
Medium brown sand	14	60
Coarse brown sand, grits and gravel	13	73
Medium brown sand, large stones		below 73
Casing: 6 inches.		
Screen: 7 feet of 6 inch with bottom at 74 feet.		
Static water level:	38½	feet
Yield:	69	gpm

N-2135. (E-6) Sherman Pratt, Horse Hollow Road and Sheep Lane, Locust Valley. Drilled by E. K. Hutchinson and Son, August 14, 1946.

Log shows 80 feet of clay, sand and gravel with several boulders.

Casing: 8 inches.

Screen: 6 feet of 8 inch with bottom at 80 feet.

Pumping test:

July 20, 1946. Duration: 6 hours
Static water level: 60 feet
Drawdown: 20 feet
Yield: 200 gpm

N-2172. (B-5) Harry Schwartz, East Rockaway Road and Paine Road, East Rockaway. Drilled by Sweeney & Gray Co., Inc., January 6, 1947.

Log shows 20 feet of coarse sand.

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 20 feet.

Pumping test:

January 6, 1947. Duration: 4 hours
Static water level: 4 feet
Drawdown: 11 feet
Yield: 69 gpm

N-2180. (D-6) R. Keiserwetter, Searington Road and I. U. Willets Road, Albertson. Drilled by Fred Habenicht & Sons, February 21, 1947.

Log:	Thickness (feet)	Depth (feet)
Pit	8	8
Sand, clay	21	29
Dirty brown sand	32	61
Brown hard clay (dry)	35	96
Sand and gravel	35	131

Casing: 6 inches.

Screen: 7 feet of 6 inch with bottom at 131 feet.

Pumping test:

August 1, 1946. Duration: 7 hours
Static water level: 53 feet
Drawdown: 3 feet
Yield: 20 gpm

N-2186. (C-7) George Butterwick, Bellmore Road and Janet Avenue, North Bellmore. Drilled by C. W. Lauman & Co., Inc., September 27, 1946.

Log shows 34 feet of sand and gravel.

All measurements taken from bottom of 6 foot pit.

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 34 feet.

Static water level: 7 feet
Yield: 50 gpm

N-2188. (C-7) Henry Botsch, Barnum Avenue and Front Street, East Meadow. Drilled by C. W. Lauman & Co., Inc., August 17, 1946.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Sand and gravel	6	8
Sand and grit	2	10
Sand and coarse gravel	18	28
Grit	1	29
Sand and grit	5	34
Sand and coarse gravel	4	38

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 38 feet.

Static water level: 15 feet

Yield: 300 gpm

N-2192. (E-8) H. Horst, Cove Neck, Oyster Bay. Drilled by Long Island Water Supply Co., Inc., September 9, 1946.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	3	3
Sand and gravel	15	18
Sandy clay	105	123
Sand and gravel (clean)	15	138

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 138 feet.

Pumping test:

September 7, 1946. Duration: 4 hours

Static water level: 12 feet

Drawdown: 11 feet

Yield: 25 gpm

N-2203. (B-5) William G. Feger, Richmond Avenue and Harbor Road, Meyer Harbor. Drilled by C. W. Lauman & Co., Inc., December 9, 1946.

Log:	Thickness (feet)	Depth (feet)
Brown sand and grit	35	35
Beach sand	15	50
Brown sand and grit	25	75
Dark gray clay	37	112
Black sand	8	120
Hard dark gray clay	27	147
Brown sand and grit	16	163
Gray sand	19	182

Casing: 2½ inches.

Screen: 5 feet of 2 inch with bottom at 164 feet.

Static water level: 2 feet

Yield: 520 gpm

N-2214. (D-4) Citizens Water-Supply Company of Newtown, Potters Lane and Steamboat Road, Great Neck. Drilled by Layne-New York Co., Inc.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Hard sand and clay	8	10
Sand, gravel and boulders	17	27
Boulders and sand	10	37
Sandy clay	31	68
Tough clay	26	94
Clay and boulders	4	98
Tough clay	122	220
Coarse sand, fine gravel and fine sand	70	290
Streaks of clay and sand	50	340
Hard clay	3	343

Casing: 26, 20 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 286 feet.

Pumping test:

January 20, 1947. Duration: 8 hours
 Static water level: 43 feet
 Drawdown: 76 feet
 Yield:1065 gpm

N-2215. (B-7) Fourn town Realty Corporation (Freeport Theatre), Sunrise Highway and Henry Street, Freeport. Drilled by Sweeney & Gray Co., Inc., March 18, 1947.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Coarse dry sand	5	10
Coarse sand and gravel	37	47

Casing: 12 inches.

Screen: 21 feet of 12 inch with bottom at 47 feet.

Pumping test:

March 17, 1947. Duration: 8 hours
 Static water level: 10 feet
 Drawdown: 25 feet
 Yield: 400 gpm

N-2216. (B-6) Wayne Realty Corporation, (Baldwin Theatre), Merrick Road and Park Avenue, Baldwin. Drilled by Sweeney & Gray Co., Inc., April 24, 1947.

Log shows 29 feet of sand and gravel.

Casing: 10 inches.

Screen: 21 feet of 10 inch with bottom at 29 feet.

Pumping test:

April 24, 1947. Duration: 8 hours
 Static water level: 10 feet
 Drawdown: 15 feet
 Yield: 300 gpm

N-2219. (D-5) Paerdegat Amusement Corporation, (Alan Theatre), 1614 Hillside Avenue, New Hyde Park. Drilled by Sweeney & Gray Co., Inc., November 30, 1946.

Log shows 95 feet of coarse sand and gravel.

Casing: 8 inches.

Screen: 21 feet of 8 inch with bottom at 95 feet.

Pumping test:

November 26, 1947. Duration: 8 hours
Static water level: 45 feet
Drawdown: 20 feet
Yield: 250 gpm

N-2225. (B-8) Michael J. Stanton, East Shore Drive, Nassau Shores, Massapequa. Drilled by C. W. Lauman & Co., Inc., January 9, 1947.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Swamp muck	7	10
Medium fine sand and stones	22	32
Beach sand	22	54
Fine sand and clay	10	64
Dirty sand, clam shells	11	75
Dark gray clay, little sand	19	94
Soupy sand, clay and hardpan	12	106
Very fine soupy sand	29	135
Hardpan clay and wood	1	136
Fine sand	29	165
Medium coarse gray sand	8	173

Note: Log begins 3 feet below surface.

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 170 feet.

*Static water level: 3 to 6 feet
Yield: 60 gpm

*Water level varies with tide.

N-2226. (C-7) The Perfectoloid Company, Swenson Place and Newbridge Road, Bellmore. Drilled by Stanley Molinari, September 17, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Loam	3	5
Sand and gravel	14	19
Coarse sand and gravel	21	40

Casing: 6 inches.

Screen: 16 feet of 6 inch with bottom at 40 feet.

Pumping test:

September 27, 1947. Duration: 1 hour
Static water level: 10 feet
Drawdown: 12 feet
Yield: 240 gpm

N-2227. (C-5) Hunter Douglas Corporation, Nassau Terminal Road, New Hyde Park.
 Drilled by C. W. Lauman & Co., Inc., March 22, 1947.

Log:	Thickness (feet)	Depth (feet)
Loam	2	2
Medium coarse sand	3	5
Medium coarse sand and gravel	71	76
Casing: 8 inches.		
Screen: 11 feet of 6 inch with bottom at 76 feet.		
Pumping test:		
June 2, 1947. Static water level:		28 feet
Drawdown:		7 feet
Yield:		216 gpm

N-2230. (C-6) Arnold Brillhart Ltd., Old Country Road and Guinea Woods Road, Mineola.
 Drilled by C. W. Lauman & Co., Inc., February 26, 1947.

Log:	Thickness (feet)	Depth (feet)
Fill	8	8
Sand and gravel	32	40
Sand, few gravel	45	85
Casing: 8 inches.		
Screen: 15 feet of 6 inch with bottom at 85 feet.		
	Static water level:	37 feet
	Yield:	200 gpm

N-2239. (C-6) West Hempstead-Hempstead Gardens Water District, Birch Street and
 Railroad Avenue, West Hempstead. Drilled by Layne-New York Co., Inc., March 18, 1947.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	30	30
Light brown sand	22	52
Coarse brown sand and gravel	22	74
Sand and streaks of clay	31	105
Medium gray sand and gravel	37	142
Coarse sand and gravel	38	180
Sandy clay	6	186
Casing: 30, 24 and 16 inches.		
Screen: 40 feet of 16 inch with bottom at 148 feet.		
Pumping test:		
March 18, 1947. Duration:		8 hours
Static water level:		26 feet
Drawdown:		17 feet
Yield:		1012 gpm

N-2240. (C-8) Michael Catapano, Hicksville Road and South Oyster Bay Road, Hicksville.
 Drilled by C. W. Lauman & Co., Inc., February 27, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil, loam	4	4
Coarse brown sand, grit and gravel	37	41
Medium coarse brown sand, grit and gravel (dirty)	29	70
Coarse brown sand, grit and gravel	19	89

N-2240. (Continued).

Casing: 10 inches.

Screen: 16 feet of 8 inch with bottom at 89 feet.

Pumping test:

May 19, 1947. Static water level: 42 feet
Yield: 340 gpm

N-2241. (E-7) George F. Baker, Jr., Centre Island. Drilled by E. K. Hutchinson and Son, October 1, 1947.

Log:	Thickness (feet)	Depth (feet)
Sand and clay	129	129
Gravel (salt water)	10	139
Solid clay	220	359
Sand and gravel	25	384

Casing: 8 inches.

Screen: 12 feet of 8 inch with bottom at 376 feet.

Pumping test:

October 1, 1947. Duration: 4 hours
Static water level: +6 feet (flowing)
Drawdown: 16 feet
Yield: 400 gpm

N-2259. (C-5) Franklin Square National Bank, Hempstead Turnpike and James Street, Franklin Square. Drilled by Eastern Well & Pump Co., May 12, 1947.

Log:	Thickness (feet)	Depth (feet)
Coarse clean sharp sand and gravel	63	63
Medium coarse sand and grit	3	66

Casing: 8 inches.

Screen: 20 feet of 6 inch with bottom at 66 feet.

Pumping test:

May 12, 1947. Duration: 3 hours
Static water level: 16 feet
Drawdown: 15 feet
Yield: 300 gpm

N-2260. (C-5) Miller Brothers, Nassau Boulevard and Dogwood Avenue, Hempstead. Drilled by Eastern Well & Pump Co., March 12, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Sandy clay	2	3
Coarse brown sand and gravel	58	61

Casing: 6 inches.

Screen: 21 feet of 6 inch with bottom at 62 feet.

Static water level: 16 feet
Yield: 300 gpm

N-2306. (E-7) Mrs. Florence E. Dickerman Estate, Mill Hill Road, Mill Neck. Drilled by Layne-New York Co., Inc., January 15, 1932.

Log:	Thickness (feet)	Depth (feet)
Black loam	4	4
White sand and gravel	11	15
Red sand and gravel	4	19
Yellow sand and gravel	28	47
Gravel	6	53
Yellow clay	4	57
Gravel	5	62
Brown sand and gravel	28	90
Fine brown sand and gravel	6	96
Gravel and sand	4	100
Fine brown sand and small gravel	21	121
Coarse sand and gravel	6	127
Coarse gravel and clay	6	133
Coarse brown sand and gravel	9	142
Fine sand and gravel	12	154
Coarse brown sand and gravel	26	180
Hard packed white sand	14	194
Red clay	2	196

Casing: 12 and 8 inches.

Screen: 26 feet of 8 inch with bottom at 166 feet.

Pumping test:

January 15, 1932.	Duration:	8 hours
	Static water level:	2 feet
	Drawdown:	7 feet
	Yield:	222 gpm

N-2358. (B-5) C. E. Kahr Estate, Cedar Avenue and Meadowview Avenue, Hewlett. Drilled by C. W. Lauman & Co., Inc., May 6, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Heavy gravel	5	6
Fine white sand	6	12
Coarse brown sand and small gravel	20	32
Gray sandy clay	14	46
Solid gray clay	7	53
Fine beach sand	7	60
Coarse brown sand and grits	10	70

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 70 feet.

Static water level:	13 feet
Yield:	50 gpm

N-2360. (C-5) H. C. Bohack Co., Inc., Elmont Road and Linden Boulevard, Elmont. Drilled by Sweeney & Gray Co., Inc., May 2, 1947.

Log shows 49 feet of sand and gravel which is measured from cellar floor 7 feet below surface.

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 49 feet.

N-2360. (Continued)

Pumping test:

May 2, 1947. Duration: 8 hours
Static water level: 11 feet
Drawdown: 19 feet
Yield: 69 gpm

N-2399. (C-6) Calderone-Mineola Theatre Corporation, Mineola Boulevard and First Street, Mineola. Drilled by S. J. Breen Co., Inc., July 23, 1947.

Log:	Thickness (feet)	Depth (feet)
Excavated (basement)	7	7
Sand and stones	23	30
Coarse sand stones and gravel.....	30	60
Sand and gravel	20	80

Casing: 8 inches.

Screen: 20 feet of 8 inch with bottom at 80 feet.

Pumping test:

July 23, 1947. Duration: 4 hours
Static water level: 37 feet
Drawdown: 13 feet
Yield: 360 gpm

N-2400. (D-6) Roslyn Water District, Locust Lane and Old Westbury Road, Roslyn. Drilled by Layne-New York Co., Inc., July 7, 1947.

Log:	Thickness (feet)	Depth (feet)
Sand and boulders	33	33
Sand, gravel and boulders	67	100
Sand and streaks of clay	59	159
Sandy clay	62	221
Sand and clay streaks	53	274
Tough clay	10	284
Gray sand and some clay	50	334
Sandy clay	10	344
Gray sand and hard streaks	24	368
Tough clay	20	388
Coarse sand and gravel	56	444
Gravel and clay	33	477
Tough clay	12	489

Casing: 38, 18 and 10 inches.

Screen: 40 feet of 10 inch with bottom at 439 feet.

Pumping test:

July 14, 1947. Duration: 10 hours
Static water level: 94 feet
Drawdown: 19 feet
Yield: 1029 gpm

N-2401. (E-7) Miss Alice D. Weekes, East Main Street, Oyster Bay. Drilled by Watson & Hazel, September 26, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil	3	3
Sand and gravel	44	47

(Continued on next page)

N-2401. (Continued)	Thickness (feet)	Depth (feet)
Dirty brown fine sand	34	81
Fine brown clay	8	89
Clay and sand	10	99
Very coarse sand and some gravel	22	121
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 119 feet.		
Pumping test:		
Static Water Level:	well flows	
Yield:	25 gpm	

N-2409. (E-8) State of New York—Conservation Department, Cold Spring Harbor Fish Hatchery, Cold Spring Harbor. Drilled by Long Island Water Supply Co., Inc., September 10, 1947.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	30	30
Brown sand and gravel	10	40
Fine brown sand	12	52
Fine brown sand, some clay	11	63
Fine brown sand and gravel	7	70
Brown sand and gravel	10	80
Fine sand and gravel	8	88
Light brown sand	2	90
Fine brown sand (dirty)	3	93
Casing: 10 inches.		
Screen: 20 feet of 10 inch, with bottom at 86 feet.		
Pumping test:		
September 10, 1947. Duration:	24 hours	
Static water level:	well flows	
Drawdown:	22 feet	
Yield:	400 gpm	

N-2411. (B-6) Baldwin Boat Basin, Millburn Creek and Atlantic Avenue, Baldwin. Drilled by Eastern Well & Pump Co., July 12, 1947.

Log:	Thickness (feet)	Depth (feet)
Sand and fill	1	1
Hard brown clay	2	3
Stinky bog	10	13
White sand and gravel	11	24
Very fine gray sand	13	37
Fine gray sand, grits and gravel	7	44
Coarse grits, gravel and little sand	2	46
Fine white sand	2	48
Dark gray clay	2	50
Dirty gray sand, grits and few gravel	5	55
Hard black clay	4	59
Fine dirty gray sand	14	73
Dirty white sand	3	76
Medium coarse sand, grits	7	83
Medium fine white sand	2	85

N-2411. (Continued)

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 85 feet.

Pumping test:

July 14, 1947. Duration: 1 day
 Static water level: flows
 Drawdown: 8 feet
 Yield: 15 gpm

N-2413. (C-5) Jamaica Water Supply Company, Miriam Parkway and Lenox Street, Elmont. Drilled by Layne-New York Co., Inc., January 19, 1949.

Log:	Thickness (feet)	Depth (feet)
Sand	31	31
Brown sand and gravel	61	92
Tough blue clay	6	98
Sandy clay and wood	20	118
Black clay and sand	22	140
Tough clay	48	188
Clay and sand	39	227
Fine sand	6	233
Sandy clay and wood	45	278
Sandy clay	16	294
Sand and wood	19	313
Tough clay	3	316
Medium gray sand	9	325
Coarse sand and gravel	54	379
Sand and clay	21	400
Fine sand and wood	13	413
Tough clay	13	426
Medium coarse, gray sand	44	470
Tough clay	3	473
Coarse sand and gravel	35	508
Tough clay below 508 feet		

Casing: 26, 18 and 10 inches.

Screen: 30 feet of 10 inch with bottom at 508 feet.

Pumping test:

January 19, 1949. Duration: 3 hours
 Static water level: 26 feet
 Drawdown: 140 feet
 Yield: 975 gpm

N-2416. (E-7) Faris Russell, Mill Neck Road and Brookville Road, Mill Neck. Drilled by C. W. Lauman & Co., Inc., August 13, 1947.

Log:	Thickness (feet)	Depth (feet)
Loam and large stones	4	4
Brown sandy clay and large boulders	24	28
Brown sandy clay and mica	30	58
Medium brown sand and mica (dirty)	8	66
Coarse brown sand and mica, lumps of brown clay	7	73
Coarse brown sand and mica	13	86
Coarse brown sand and heavy gravel	5	91
Coarse brown sand, gravel and lumps of brown and white clay below 91 feet		

(Continued on next page)

N-2416. (Continued)

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 90 feet.

Pumping test:

August 12, 1947. Static water level: flows
 Drawdown: 12 feet
 Yield: 100 gpm

N-2418. (C-6) General Bronze Corporation, Stewart Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., August 6, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Sand and gravel	52	54
Medium sand, few gravel	2	56
Yellow clay with gravel	16	72

Casing: 10 inches.
 Screen: 16 feet of 10 inch with bottom at 53 feet.
 Static water level: 15 feet
 Yield: 350 gpm

N-2421. (B-5) P. Harris, Wedgewood Lane and Regent Drive, Lawrence. Drilled by C. W. Lauman & Co., Inc., July 26, 1947.

Log:	Thickness (feet)	Depth (feet)
Loam	2	2
Sand, gravel and stones	15	17
Fine white sand	4	21
Medium coarse sand, gravel and stones	14	35
Medium fine white sand	10	45

Casing: 4 inches.
 Screen: 5 feet of 4 inch with bottom at 45 feet.
 Static water level: 16 feet
 Yield: 50 gpm

N-2424. (D-6) Long Island Lighting Company, Shore Road and Glen Head Road, Glenwood Landing. Drilled by C. W. Lauman & Co., Inc., August 30, 1948.

Log:	Thickness (feet)	Depth (feet)
Clay, sand and stones	4	4
White clean fine sand	3	7
Yellow clayey sand	5	12
Brown coarse sand, lumps soft clay	18	30
Brown coarse sand, lumps soft clay, some grits	26	56
Red brown sand, grits, clay, hard pan	2	58
Very clayey sand—80% clay	30	88
Yellow clayey medium coarse sand, few grits, 30% clay.....	10	98
Yellow clayey coarse sand	30	128
Gray-white fine sand—clayey	12	140
Coarse sand, grits—little clayey	20	160
Clayey sand and gravel	38	198
White sandy clay	36	234

N-2424. (Continued)

	Thickness (feet)	Depth (feet)
Dark gray solid clay	16	250
Medium gray solid clay	22	272
Red-brown clay little sandy	9	281
Red clay and hard pan	3	284
Sandy clay and layers of hard pan	16	300
Gray and black solid clay	17	317
Thin layers of red and gray clay	13	330
Fine red sandy clay—hard	17	347
Red and gray solid clay—very hard	13	360
Very hard red and gray clay and layers of hard pan	9	369
Sandy clay, some grits	28	397
Fine sandy clay, few grits	13	410
Fine clayey sand and grits	25	435
Brown clayey sand and grits	35	470

Casing: 12 inches.

Screen: 34 feet of 8 inch with bottom at 459 feet.

Pumping test:

August 30, 1948.	Duration:	8 hours
	Static water level:	21 feet
	Drawdown:	54 feet
	Yield:	504 gpm

Note: Water temperature 57° Fahrenheit.

N-2462. (C-7) Raymond G. Fish, Jerusalem Road and Newbridge Road, East Meadow.
Drilled by Eastern Well & Pump Co., August 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Medium coarse brown sand and gravel	8	10
Coarse light brown sand, gravel	12	22
Very coarse light brown sand gravel	30	52

Casing: 6 inches.

Screen: 22 feet of 6 inch with bottom at 52 feet.

Pumping test:

August 1947.	Duration:	2 hours
	Static water level:	8 feet
	Yield:	400 gpm

N-2464. (C-7) Kosel Brothers, Jerusalem Road and Jerusalem Avenue, East Hempstead.
Drilled by Eastern Well & Pump Co., August 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil and clay	2	2
Brown sand and gravel	6	8
Coarse white sand gravel	33	41

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 41 feet.

Pumping test:

August 1947.	Duration:	3 hours
	Static water level:	10 feet
	Drawdown:	11 feet
	Yield:	275 gpm

N-2487. (D-6) Village of Williston Park, William Street and Campbell Avenue, Williston Park. Drilled by Layne-New York Co., Inc., March 12, 1948.

Log:	Thickness (feet)	Depth (feet)
Sand gravel and boulders	76	76
Coarse brown sand and boulders	44	120
Sand gravel and boulders	35	155
Sand clay	10	165
Hard sand and clay	29	194
Sand and streaks of clay	10	204
Sand and gravel	11	215
Tough clay	10	225
Sand and gravel	24	249
Tough clay	43	292
Sand and gravel	46	338
Tough clay	27	365
Sand and gravel	25	390
Sandy clay	14	404
Clay	30	434

Casing: 38, 26, 18, 10 inches.

Screen: 40 feet of 10 inch with bottom at 338 feet.

Pumping test:

August 11, 1948. Duration: 8 hours
 Static water level: 63 feet
 Drawdown: 30 feet
 Yield: 1055 gpm

N-2488. (B-5) S. R. Lazarus, Southeast of Ocean Avenue and Tanglewood Crossing, Lawrence. Drilled by C. W. Lauman & Co., Inc., September 13, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Brown gravel and heavy grits	4	5
White beach sand	7	12
White beach sand and grits	1	13
White beach sand	5	18
Fine brown sand	4	22
Brown sand and heavy gravel	7	29
Light brown sand and grits	9	38
Dark brown sand and clay	2	40

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 38 feet.

N-2491. (E-7) Richard Newton, Centre Island. Drilled by Long Island Water Supply Co., Inc., November 5, 1947.

Log:	Thickness (feet)	Depth (feet)
Hard pan	160	160
Sand and gravel	7	167
Blue clay	15	182
Sandy gray clay	220	402
Sand and gravel	37	439

N-2491. (Continued)

Casing: 8 and 6 inches.

Screen: 11 feet of 6 inch with bottom at 439 feet.

Pumping test:

November 5, 1947. Duration: 4 hours
 Static water level: 52 feet
 Drawdown: 10 feet
 Yield: 40 gpm

N-2532. (C-8) Charles Joseph, Southern Parkway and Massapequa-Hicksville Road, Massapequa. Drilled by Eastern Well & Pump Co., October 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil	3	3
Coarse light and brown sand grits gravel	47	50

Casing: 6 inches.

Screen: 16 feet of 6 inch with bottom at 49 feet.

Pumping test:

October 1948. Duration: 2 hours
 Static water level: 18 feet
 Drawdown: 6 feet
 Yield: 143 gpm

N-2560. (E-7) David Kennedy, Centre Island. Drilled by Long Island Water Supply Co., Inc., December 30, 1947.

Log:	Thickness (feet)	Depth (feet)
Gravel and hard pan	5	5
Gravel and sandy clay	150	155
Red, blue and gray clay	62	317
Dirty sand and gravel	20	337
Red and gray clay	43	380
Sand and gravel, balls of white clay	37	417

Casing: 8 and 6 inches.

Screen: 21 feet of 6 inch with bottom at 417 feet.

Pumping test:

December 30, 1947. Duration: 4 hours
 Static water level: 11 feet
 Drawdown: 11 feet
 Yield: 50 gpm

N-2565. (C-6) Garden City Park Water District, Marcus Avenue and Jericho Turnpike, Garden City Park. Drilled by Layne-New York Co., Inc., February 11, 1949.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	49	49
Light brown sand and gravel	60	109
Orange sandy clay	12	121
Hard Packed sand	39	160

(Continued on next page)

N-2565. (Continued)	Thickness (feet)	Depth (feet)
Sand clay	22	182
White sandy clay	56	238
Sand, little clay	43	281
Clay	5	286
Hard packed sand, clay	37	323
Hard packed sand	32	355
Clay	6	361
Sand and gravel	44	405
Clay	7	412
Sand	20	432

Casing: 26, 18 and 10 inches.

Screen: 35 feet of 10 inch, with bottom at 405 feet.

Pumping test:

March 22, 1948. Duration: 8 hours
 Static water level: 47 feet
 Drawdown: 55 feet
 Yield: 1025 gpm

N-2566. (D-5) Blum Estate, Smith Road and Old Motor Parkway, North Hills. Drilled by C. W. Lauman & Co., Inc., July 20, 1948.

Log:	Thickness (feet)	Depth (feet)
Fill	12	12
Sandy clay and rocks	35	47
Hard sandy clay	44	91
Coarse sand small gravel	14	105
Fine sand little gravel	20	125
Sharp sand, little gravel	10	135
Clay	3	138

Casing: 6 inches.

Screen: 7 feet of 6 inch with bottom at 135 feet.

Static water level: 98 feet
 Yield: 28 gpm

Note: Temperature 52° Fahrenheit.
 Chlorides 31 ppm.

N-2567. (E-5) T. M. Fraser, Sands Point. Drilled by C. W. Lauman & Co., Inc., April 1, 1948.

Log:	Thickness (feet)	Depth (feet)
Boulders and niggerheads	10	10
Heavy gravel	45	55
Medium coarse brown sand	9	64
Fine light brown sand	19	82
Coarse sand and gravel	23	105

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 105 feet.

Static water level: 46 feet
 Yield: 20 gpm

N-2576. (D-5) Glen Oaks Club, Inc., 263 Grand Central Parkway, Great Neck. Drilled by Layne-New York Co., Inc., September 16, 1948.

Log:	Thickness (feet)	Depth (feet)
Sandy clay and boulders	80	80
Sandy clay and gravel	33	113
Hard pan	4	117
Red and white clay	19	136
Sandy clay	20	156
Medium light brown sand	43	199
Sandy clay and hard streaks below 199 feet		

Casing: 18 and 10 inches.

Screen: 20 feet of 10 inch with bottom at 197 feet.

Pumping test:

September 16, 1948. Duration: 8 hours
Static water level: 114 feet
Drawdown: 21 feet
Yield: 610 gpm

N-2577. (C-7) New York Water Service Corp., Jefferson Street and South Street, Merrick. Drilled by Karlson & Reed, Inc., February 12, 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	3	3
Red coarse sand	4	7
Dark coarse sand and gravel	9	16
Clean coarse sand and gravel	24	40
Fine dark muddy sand	3	43

Casing: 12 inches.

Screen: 15 feet of 12 inch with bottom at 38 feet.

Pumping test:

February 12, 1948. Duration: 10 hours
Static water level: 14 feet
Drawdown: 12 feet
Yield: 455 gpm

N-2582. (C-7) Island Trees Corp., Hempstead Turnpike and Loring Road, Hicksville. Drilled by C. W. Lauman & Co., Inc., March 8, 1948.

Log shows 79 feet of coarse sand and gravel.

Casing: 12 inches.

Screen: 27 feet of 12 inch with bottom at 79 feet.

Pumping test:

March 6, 1948. Duration: 8 hours
Static water level: 27 feet
Drawdown: 30 feet
Yield: 1200 gpm

N-2584. (D-5) Colonial Sand & Stone Co., Denton Avenue and Hillside Avenue, Garden City Park. Drilled by Long Island Water Supply Co., Inc., February 11, 1948.

Log shows 46 feet of sand and gravel.

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 47 feet.

Pumping test:

February 10, 1948. Duration: 3 hours
 Static water level: 6 feet
 Drawdown: 12 feet
 Yield: 125 gpm

N-2587. (C-8) Turnpike Beverage Distributors, Hempstead Turnpike and Wantagh Avenue, Bethpage. Drilled by Eastern Well & Pump Co., June 20, 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil, sand and clay	3	3
Light brown sand and grits, large gravel and stones	52	55
Same as above and layers of hard pan	6	61

Casing: 8 inches.

Screen: 12 feet of 8 inch with bottom at 61 feet.

Pumping test:

June 20, 1948. Duration: 4 hours
 Static water level: 26 feet
 Drawdown: 7 feet
 Yield: 188 gpm

N-2596. (B-8) Edward Fishman, West Shore Drive, Nassau Shores, Massapequa. Drilled by Mathies Well & Pump Co., Inc., March 26, 1948.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and gravel	5	5
Bog	3	8
Coarse brown sand and gravel	41	49
Medium white sand	8	57
Gray clay	7	64
Coarse white sand, clay shells and gray clay	3	67
Black clay	25	92
Fine white sand and gray clay	13	105
Fine white sand, wood and silt	30	135
Very fine white sand and gray clay	17	152
Black clay and wood	8	160
Coarse white sand and black clay water	2	162
Black clay, fine white sand	8	170
Very fine white sand and gray clay	11	181
Very fine white sand	9	190
Fine white sand and gray clay water and silt	19	209
Medium white sand and wood	10	219

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 219 feet.

Pumping test:

August 10, 1948. Duration: 2 hours
 Static water level: flowing
 Yield: 19 gpm

N-2597. (B-5) City of Long Beach, Lafayette Boulevard, Long Beach. Drilled by Layne-New York Co., Inc., September 27, 1948.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	109	109
Blue clay	14	123
Fine gravel and coarse sand	21	144
Sand and streaks of clay	35	179
Sand and streaks of gravel, shells and wood	32	211
Sand and fine gravel, streaks of clay	28	249
Sandy clay	52	301
Clay and hard streaks	138	449
Coarse gravel and sand	29	478
Clay	6	484
Clay and sand streaks	16	500
Tough clay and hard sand rock	51	551
Sand and gravel	17	568
Sand and gravel and clay streaks	51	619
Sand and gravel	45	664
Sand, clay and gravel	20	684
Tough clay and streaks of gravel	60	744
Coarse gravel, sand and hard streaks	31	775
Sand, clay hard streaks and wood	21	796
Hard clay	30	826
Sand, gravel and hard streaks of clay	17	843
Blue clay and hard streaks of sand rock	31	874
Sand, gravel and hard streaks	16	890
Tough clay	10	900
Clay and gravel	87	987
Sand, gravel and clay streaks	65	1052
Clay streaks and gravel	4	1056
Clay	14	1070
Clay, sand and gravel	20	1090
Sand and gravel	47	1137
Hard clay and gravel	26	1163
Coarse sand and gravel	82	1245
Clay and hard streaks	7	1252

Casing: 18, 12 and 8 inches.

Screen: 60 feet of 8 inch with bottom at 1235 feet.

Pumping test:

September 27, 1948.	Duration:	8 hours
	Static water level:	9 feet
	Drawdown:	39 feet
	Yield:	1218 gpm

N-2602. (D-7) Westbury Water District, Dryden and Tennyson Street, Westbury. Drilled by Layne-New York Co., Inc., August 11, 1948.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	26	26
Brown and white clay	16	42
Hard packed sand and clay	34	76
Brown muddy sand	46	112
Black clay	11	123
Muddy sand	88	211

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N-2602. (Continued)

	Thickness (feet)	Depth (feet)
Sand and gravel	22	233
Streaks sand and clay	9	242
Sand and gravel	18	260
Streaks sand clay	107	367
Sandy clay	22	389
Sand and gravel	33	422
Clay	8	430
Sandy clay	19	449
Hard packed sand	52	501
Sand and gravel	23	524
Clay	3	527
Gravel	29	556
Clay	11	567
Fine sand	24	591
Clay hard streaks	146	737
Sandy clay	13	750
Sand and gravel	51	801
Streaks of sandy clay below 801 feet		

Casing: 26, 16 and 10 inches.

Screen: 40 feet of 10 inch with bottom at 800 feet.

Pumping test:

August 11, 1948. Duration: 8 hours
 Static water level: 99 feet
 Drawdown: 89 feet
 Yield: 935 gpm

N-2608. (C-7) Otto Tepe, Bellmore and Prospect Avenues, East Meadow. Drilled by Eastern Well & Pump Co., April 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	2	2
Light brown sand, heavy grits, gravel and stones	42	44

Casing: 6 inches.

Screen: 12 feet of 6 inch with bottom at 44 feet.

Pumping test:

April 1948. Duration: 3 hours
 Static water level: 14 feet
 Yield: 240 gpm

N-2610. (C-8) Jacob Boos, Jr., South of Southern State Parkway and East of Seamans Neck Road, Wantagh. Drilled by Eastern Well & Pump Co., May 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Coarse brown sand, grits and gravel	46	47

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 47 feet.

Pumping test:

May 1948. Duration: 3 hours
 Static water level: 16 feet
 Yield: 200 gpm

N-2613. (B-6) Long Island Water Corporation, Northeast of Seaman Avenue and Voshage Street, Baldwin. Drilled by Layne-New York Co., Inc., July 13, 1948.

Log:	Thickness (feet)	Depth (feet)
Sand, streaks of clay	64	64
Fine sand	28	92
Sand, streaks of clay	345	447
Coarse sand	55	502

Casing: 26, 20 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 500 feet.

Pumping test:

July 7, 1948. Duration: 8 hours
 Static water level: flows
 Drawdown: 32 feet
 Yield: 1212 gpm

N-2615. (C-6) The Great Atlantic & Pacific Tea Co., Stewart Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., June 12, 1948.

Log:	Thickness (feet)	Depth (feet)
Fill	6	6
Sandy clay and grits	2	8
Coarse brown sand and grits	38	46
Fine brown sand and grits	12	58

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 58 feet.

Pumping test:

August 31, 1948. Duration: 11 hours
 Static water level: 15 feet
 Drawdown: 16 feet
 Yield: 250 gpm

N-2616. (E-6) Glen Head Country Club, Glen Head. Drilled by Layne-New York Co., Inc., May 9, 1931; April 27, 1954 repaired.

Log:	Thickness (feet)	Depth (feet)
Boulders and sand	6	6
Brown sand	15	21
Boulders and clay	4	25
Brown sand	17	42
Sandy clay	31	73
Coarse brown sand	23	96
Sandy clay	23	119
Brown sand and gravel	4	123
Tough blue clay	63	186
Coarse white sand and gravel	44	230
Clay and boulders	8	238

Casings: 18, 12 and 8 inches.

Screens: 37 feet of 12 inch with botom at 221 feet.

40 feet of 8 inch with bottom at 220 feet.

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N-2616. (Continued)

Pumping test:
 May 9, 1931. Duration: 8 hours
 Static water level: 8 feet
 Drawdown: 11 feet
 Yield: 500 gpm

N-2619. (C-7) Steve Koshansky, North of Prospect Street and West of Chambers Avenue, East Meadow. Drilled by Eastern Well & Pump Co., May 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	2	2
Coarse light brown sand, grits and gravel	41	43
Casing: 4 inches.		
Screen: 10 feet of 4 inch with bottom at 43 feet.		
	Static water level:	18 feet
	Yield:	200 gpm

N-2623. (D-5) Fred Schumacher, South of Marcus Avenue and West of Lakeville Road, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., August 3, 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Reddish brown coarse sand	4	5
Brown coarse sand and large gravel	86	91
Very fine light brown sand and streaks of clay	15	106
Brown medium coarse sand and streaks of clay	14	120
Reddish brown medium coarse sand and streaks of clay	4	124
Casing: 8 inches.		
Screen: 17 feet of 6 inch with bottom at 121 feet.		
	Drawdown:	81 feet
	Yield:	150 gpm

N-2626. (C-6) U. S. Printing & Lithographing Co., North of Old Country Road and East of Guinea Woods Road, Carle Place. Drilled by C. W. Lauman & Co., Inc., September 6, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit	6	6
Coarse brown sand, gravel, grits	20	26
Coarse brown sand, grits	8	34
Black clay	8	42
Yellow clay	9	51
Very fine brown sand and white clay	47	98
Very fine brown sand, mica, lumps brown clay	19	117
Black, brown and white sandy clay	4	121
Very fine brown sandy clay, mica, hardpan	15	136
Medium fine brown sand	7	143
Fine, light brown sand, lumps of clay	7	150
Solid white clay	7	157

Casing: 10 inches.
 Screen: 41 feet of 6 inch with bottom at 150 feet.

N-2626. (Continued)

Pumping test:
 September 6, 1951. Duration: 3½ hours
 Static water level: 23 feet
 Drawdown: 25 feet
 Yield: 380 gpm

Note: Original well completed to a depth of 130 feet.
 Deepening completed September 6, 1951.

N-2632. (E-7) A. Simpson, South of Roosevelt Avenue and East of Centre Island Road, Centre Island. Drilled by C. W. Lauman & Co., Inc., January 27, 1949.

Log:	Thickness (feet)	Depth (feet)
Brown clay, large stones	22	22
Coarse brown sand, large stones, clay	17	39
Fine gray sand, gravel, gray clay	9	48
Fine brown sand and gravel	11	59
Gray clay	21	70
Coarse brown sand, gravel	18	88
Fine brown sand, gravel and clay	5	93
Brown sandy clay, gravel	7	100
Coarse brown sand, gravel and lumps of clay	7	107
Coarse brown sand, gravel	2	109
Medium brown sand, gravel and clay	4	113

Casing: 6 inches.

Screen: 2½ feet of 4 inch with bottom at 113 feet.

Pumping test:
 February 1, 1949. Duration: 3 hours
 Static water level: 46 feet
 Drawdown: 25 feet
 Yield: 10 gpm

N-2635. (D-5) Nassau County Department of Public Works, southeast of Washington Street and Webster Avenue, Port Washington. Drilled by Nassau County Department of Public Works, June 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil, dark brown, sandy	1	1
Loam, brown, gravelly	3	4
Sand, coarse, brown and gravel	6	10
Sand, coarse, dark brown, some small pebbles	9	19
Sand, coarse, dark brown, and gravel	6	25
Sand, medium, light brown, some brown clay	9	34
Clay, green, blue and yellow, with thin streaks of fine sandy clay	4	38
Clay, sandy, greenish brown (like a hardpan)	7	45
Sand, medium, light brown and streaks of brown clay	6	51
Sand, medium, dark gray, some clay	2	53
Clay, steel gray, soft, with loads of small shells and some small gravel	14	67
Sand, medium, brown, micaceous and sandy gray clay mixed with small shells, very hard	3	70
Sand, fine, brown and silt, some small pebbles and shell fragments	3	73

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N-2635. (Continued)

	Thickness (feet)	Depth (feet)
Sand, fine, brown, silty and clayey, with much bronzey mica	5	78
Clay, hard, brown, with same quartz pebbles (like a gumbo till)	3	81
Clay, tough, dark brown, with some quartz pebbles.....	6	87
Sand and gravel, coarse, brown, with some brown clay and stones	4	91
Gravel, coarse and coarse brown sand, with large stones and quartz pebbles	5	96
Sand, medium to coarse brown and quartz gravel	4	100
Clay, tough, dark brown, sandy near bottom	28	128
Clay, gray and brown, hard and quartz gravel	4	132
Sand, coarse and gravel, with a little gray clay	4	136
Sand, fine to medium, gray, gravel and gray sandy clay....	5	141
Sand, medium to coarse, gray and gravel	8	149
Sand, fine to medium, light gray, with small quartz particles, iron concretions both yellow and red types	16	165
Clay, brown, sandy, with much fine mica	2	167
Clay, brown, sandy at		167

Casing: 8 inches.

Note: This well has a cement plug in bottom and is now 165 feet deep. It is slotted with four vertical slots ½ inch wide and four feet long between 150 and 154 feet below land surface.

N-2639. (C-8) Long Island Home Ltd., Northwest of Division Avenue and Sunrise Highway, Amityville. Drilled by C. W. Lauman & Co., Inc., September 17, 1948.

Log shows 54 feet of coarse sand and gravel.

Casing: 8 inches.

Screen: 13½ feet of 6 inch with bottom at 54 feet.

Pumping test:

September 17, 1948.	Duration:	4 hours
	Static water level:	13 feet
	Drawdown:	5 feet
	Yield:	100 gpm

N-2747. (C-6) Carle Place Water District, South of Long Island Railroad and East of Guinea Woods Road, Carle Place. Drilled by Layne-New York Co., Inc., February 17, 1949.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	30	30
Yellow clay and sand	51	81
Fine sandy clay	71	159
Clay	5	164
Fine sandy clay	97	261
White clay	10	271
Coarse sand	61	332

Casing: 26, 18 and 10 inches.

Screen: 50 feet of 10 inch with bottom at 327 feet.

Pumping test:

September 7, 1948.	Duration:	8 hours
	Static water level:	18 feet
	Drawdown:	40 feet
	Yield:	1051 gpm

N-2790. (B-6) County of Nassau, south of William Street and east of Second Avenue, Bay Park. Drilled by C. W. Lauman & Co., Inc., December 19, 1949.

Log:	Thickness (feet)	Depth (feet)
Swamp mud	1	1
Medium coarse brown sand, grits and clay lumps	26	27
Layers of fine brown sand and clay	7	34
Fine brown sand	2	36
Medium coarse brown sand, grits and clay lumps	10	46
Coarse brown sand and grits	8	54
Layer of clay	1	55
Coarse brown sand, grits and gravel	4	59
Gray sandy clay	5	64
Coarse brown sand, grits and clay lumps	24	88
Fine gray sand	21	109
Fine gray sand and layers of decayed wood	32	141
Fine gray sand	27	168
Layers of gray sandy clay, decayed wood and clay	47	215
Medium fine gray sand	6	221
Layers of fine gray sandy clay and gravel	10	231
Fine gray sand layers of clay, decayed wood and mica	26	257
Fine gray sand, clay layers, decayed wood and mica	18	275
Fine gray sandy clay	20	295
Medium fine gray sand	14	309
Fine gray sandy clay and layers of lignite	31	340
Fine gray sandy clay, layers of lignite and pyrite	19	359
Solid gray clay and lignite layers	7	366
Medium fine gray sand and layers of lignite and pyrite	17	383
Fine gray sandy clay and layers of clay and pyrite	9	392
Fine gray sandy clay and layers of lignite.....	34	426
Sticky black clay and lignite layers	9	435
Fine gray sand (little clay)	16	451
Fine gray sandy clay	16	467
Medium fine gray sand	8	475
Medium coarse gray sand	8	483
Solid gray clay and layers of fine sandy clay	10	493
Fine gray sand	22	515
Solid gray clay (dark)	3	518
Fine gray sandy clay	7	525
Layers of fine sand, clay and hard gray clay	14	539
Fine gray sand	10	549
Layers of gray clay and fine sandy clay	19	568
Solid gray clay	12	580
Coarse gray sand	7	587
Solid light gray clay	11	598
Multi colored very hard clay	26	624
Light gray clay and layers of fine sandy clay	15	639
Medium fine brown sand and clay layers	8	647
Hard gray clay and layers of sandy clay	31	678
Medium fine light brown sand, some clay	16	694
Layers of gray clay and sandy clay	33	727
Solid dark gray clay	10	737
Gray sandy clay and layers of lignite	30	767
Solid gray clay	12	779
Dark gray clay and pyrite layers	69	848
Fine gray sandy clay and layers of pyrite	9	857
Medium light gray sand	28	885

Casing: 6 inches.

Screen: 22 feet of 4 inch with bottom at 560 feet.

Static water level: well flows

Note: Test hole for formation.

N-2791. (C-7) Levitt & Sons, Inc., south of Hempstead Turnpike and west of Wantagh Parkway, Levittown. Drilled by C. W. Lauman & Co., Inc., November 8, 1948.

Log:	Thickness (feet)	Depth (feet)
Loam	3	3
Coarse sand and gravel	40	43
Medium coarse brown sand	8	51
Coarse brown sand and large stones	15	66
Coarse brown sand, mica and small amount brown clay	2	68
Coarse brown sand, mica, hardpan, lumps clay	2	70
Medium fine brown sand and mica	12	82
Medium coarse brown sand and mica	9	91
Fine brown sand and clay	4	95

Casing: 12 inches.

Screen: 31 feet of 12 inch with bottom at 90 feet.

Pumping test:

November 8, 1948.	Duration:	4½ hours
	Static water level:	24 feet
	Drawdown:	18 feet
	Yield:	800 gpm

N-2847. (E-6) Cove Theatre, south of North Lane, east of School Street, Glen Cove. Drilled by C. W. Lauman & Co., Inc., April 13, 1949.

Log:	Thickness (feet)	Depth (feet)
Cellar	13	13
Fine brown sand, white clay	5	18
Fine brown sand	5	23
Coarse brown sand and gravel	6	29
White sandy clay	26	55
Medium brown sand and gray clay	4	59
Coarse brown sand and gravel	4	63
Medium coarse brown sand and gray clay	7	70
Coarse brown sand and gravel (dirty)	4	74
Medium coarse brown sand, gravel, brown and white clay	6	80
Gray and red sandy clay	8	88
Brown sandy clay	6	94
Fine brown sand, grits and mica	5	99
Coarse brown sand	4	103
Coarse brown sand, gravel, small amount of white clay	13	116
Brown clay and gravel	20	136
Very fine brown sand (dirty)	15	151
Brown sandy clay	23	174
Fine brown sand	7	181
Fine brown sand, lumps of clay	2	183

Casing: 10 inches.

Screen: 21 feet of 8 inch with bottom at 116 feet.

Pumping test:

March 14, 1949.	Duration:	8 hours
	Static water level:	23 feet
	Drawdown:	27 feet
	Yield:	425 gpm

N-2849. (E-5) Stanley Washburn, Jr., south of Radcliff Road and east of Middle Neck Road, Sands Point. Drilled by C. W. Lauman & Co., Inc., March 23, 1949.

Log:	Thickness (feet)	Depth (feet)
Fine brown sand	5	5
Brown sandy clay	4	9
Brown sand and large stones	7	16
Large stones and boulders	32	48
Brown sand and gravel	15	63
Brown sandy clay	21	84
Gray coarse sand	25	109

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 107 feet.

Static water level: 67 feet
Yield: 8 gpm

N-2921. (B-6) Sverre Iversen, north of Florida Avenue and east of Long Beach Road, Island Park. Drilled by Mathies Well & Pump Co., Inc., September 29, 1948.

Log:	Thickness (feet)	Depth (feet)
Beach sand	2	2
Sand and black clay	2	4
Coarse brown sand, grits and gravel	28	32
Fine brown sand, small grits and brown clay	13	45
Dark gray clay	11	56
Coarse white sand	6	62
Coarse brown sand, grits and gravel	3	65
Gray clay	47	112
Coarse white sand and gravel	8	120

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 120 feet.

Pumping test:

September 29, 1948. Duration: 3 hours
Static water level: 7 feet
Yield: 40 gpm

N-2923. (C-7) County of Nassau, north of Long Island Railroad and east of Newbridge Road, Nassau County Park. Drilled by C. W. Lauman & Co., Inc., July 29, 1949.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Clay and stones	2	3
Gray clay	3	6
Sand, gravel and large stones	2	8
Clean sand and gravel	4	12
Reddish brown sand and gravel (dirty)	5	17
Brown sand and gravel, cleaner than above	27	44
Brown sand and gravel, clayey—lumps of clay	6	50
Brown coarse sand and gravel, lumps of clay	5	55
Coarse light brown sand and lumps of clay	3	58
Very clayey fine sand (grayish tan)	10	68
Light gray tan fine sand, hard pan	15	83

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N-2923. (Continued)	Thickness (feet)	Depth (feet)
Red fine sand and hard pan	16	99
Brown fine sand, lumps of clay	16	115
Brown solid clay	2	117
Dark gray solid clay	5	122
Casing: 20 and 12 inches.		
Screen: 32 feet of 12 inch with bottom at 112 feet.		
Pumping test:		
December 7, 1948. Duration:		9 hours
Static water level:		33 feet
Drawdown:		31 feet
Yield:		800 gpm

N-2924. (E-8) J. L. Cassullo, north of Cove Road and east of Cove Neck Road, Oyster Bay.
 Drilled by Long Island Water Supply Co., December 1, 1948.

Log:	Thickness (feet)	Depth (feet)
Loam	2	2
Medium sand	8	10
Sand, clay	30	40
Gravel	50	90
Sand, gravel	80	170
Clay	45	215
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 215 feet.		
Pumping test:		
October 12, 1948. Duration:		8 hours
Static water level:		131 feet
Drawdown:		5 feet
Yield:		27 gpm

N-3129. (C-7) County of Nassau, south of Long Island Railroad and east of Newbridge Avenue, Nassau County Park. Drilled by C. W. Lauman & Co., Inc., July 29, 1949.

Log:	Thickness (feet)	Depth (feet)
Loam and clay	3	3
Sand, gravel and large gravel	12	15
Brown sand and gravel—little dirty	28	43
Reddish brown sand and gravel	12	55
Light tan fine sand—very clayey	8	63
Light tan fine sand—not as much clay as above	9	72
Light tan fine sand—very clayey	13	85
Brown fine sand—little clayey	10	95
Light brown fine sand, lumps of soft clay	20	115
Reddish brown fine sand	24	139
Solid clay	3	142
Casing: 20 and 12 inches.		
Screen: 42 feet of 12 inch with bottom at 142 feet.		
Pumping test:		
January 19, 1949. Duration:		8 hours
Static water level:		29 feet
Drawdown:		53 feet
Yield:		1000 gpm

N-3142. (D-8) Central Park Water District, north of Hay Path Road, west of Central Park Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., January 31, 1949.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Coarse sand and red clay	6	10
Medium coarse light brown sand	33	43
Coarse brown sand and gravel	16	59
Fine brown sand and streaks of clay	38	97
Fine white sand and streaks of clay	14	111
Soft gray sandy clay	8	119
Light brown medium coarse sand	11	130
Medium coarse white sand	11	141
Fine light brown sand and streaks of clay	46	187
Very fine brown sandy clay and decayed stone	18	205
Casing: 12 inches.		
Screen: 41 feet of 12 inch with bottom at 163 feet.		
Pumping test:		
January 27, 1949. Duration:	41½	hours
Static water level:	38	feet
Drawdown:	36	feet
Yield:	580	gpm

N-3145. (D-5) Wm. Schenk, north of Marcus Avenue and west of New Hyde Park Road, Lake Success. Drilled by Eastern Well & Pump Co., March 1, 1950.

Log:	Thickness (feet)	Depth (feet)
Hard clay and stones	14	14
Soft brown clay	6	20
Brown sand and clay, few stones and grits	44	64
Fine brown gray sand and gravel	46	110
Light brown sand, grits and gravel	13	123
Casing: 6 inches.		
Screen: 5 feet of 4 inch with bottom at 123 feet.		
Pumping test:		
March 1, 1950. Duration:	2	hours
Static water level:	108	feet
Yield:	320	gph

N-3150. (C-6) Calderone Theatre, south of Bedell Street and west of Franklin Street, Hempstead. Drilled by C. W. Lauman & Co., Inc., April 19, 1949.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Medium coarse brown sand and gravel	56	60
Brown clay and gravel	2	62
Very fine yellow sand, clay	5	67
Fine yellow sandy clay	23	90
Casing: 8 inches.		
Screen: 16 feet of 8 inch with bottom at 60 feet.		
Pumping test:		
April 19, 1949. Duration:	6	hours
Static water level:	7	feet
Drawdown:	12	feet
Yield:	300	gpm

N-3182. (C-5) Park Theatre, south of Jericho Turnpike and east of North Tenth Street, New Hyde Park. Drilled by Sweeney & Gray Co., Inc., March 2, 1949.

Log:	Thickness (feet)	Depth (feet)
Coarse sand	88	88
Fine sand	5	93
Casing: 10 inches.		
Screen: 21 feet of 8 inch with bottom at 88 feet.		
Pumping test:		
March 2, 1949. Duration:		8 hours
Static water level:		42 feet
Drawdown:		20 feet
Yield:		350 gpm

N-3185. (C-6) Village of Mineola, north of Old Country Road and west of Eighth Avenue, Mineola. Drilled by Layne-New York Co., Inc., November 2, 1949.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	60	60
Brown sand	49	109
Sandy clay	41	150
Hard packed sand	20	170
Streaks of sand and clay	115	285
Muddy sand	77	362
Clay	5	367
Muddy sand	26	393
Yellow sand and clay	29	422
Sand and gravel	52	474
White clay	25	499
Casing: 26, 18 and 10 inches.		
Screen: 40 feet of 10 inch with bottom at 463 feet.		
Pumping test:		
November 2, 1949. Duration:		8 hours
Static water level:		41 feet
Drawdown:		31 feet
Yield:		1040 gpm

N-3190. (C-7) H. C. Bohack Co., Inc., north of Hempstead Turnpike and west of Walcott Road, Levittown. Drilled by C. W. Lauman & Co., Inc., August 2, 1949.

Log:	Thickness (feet)	Depth (feet)
Cellar	7	7
Coarse brown sand and gravel	59	66
Solid gray clay	1	67
Casing: 6 inches.		
Screen: 11 feet of 4 inch with bottom at 66 feet.		
Pumping test:		
August 2, 1949. Duration:		1/2 hour
Static water level:		18 feet
Drawdown:		8 feet
Yield:		55 gpm

Note: Temperature 53° Fahrenheit.

N-3192. (C-5) Argo Theatre, south of Hempstead Turnpike and west of Elmont Road, Elmont. Drilled by C. W. Lauman & Co., Inc., February 22, 1950.

Log:	Thickness (feet)	Depth (feet)
Pit	2	2
Fill	6	8
Coarse sand and gravel	37	45
Dark medium fine sand and mica	27	72
Medium fine sand and grits	4	76
Coarse sand and gravel	14	90

Casing: 8 inches.

Screen: 16 feet of 6 inch with bottom at 90 feet.

Pumping test:

February 22, 1950. Static water level: 21 feet
Yield: 300 gpm

N-3242. (B-6) Frank Gaudiosi, Trafalgar Boulevard and Shell Creek Road, Island Park. Drilled by Fred Habenicht & Sons, July 10, 1951.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Swamp bog	5	9
Dirty white sand, mixed with black mud	60	69
Gray white dirty sand	51	120
Dirty brown sand	9	129
Brown clay and clam shells	44	173
Dirty white sand	28	201
Dry hard gray clay	48	249
Very fine light gray sand	20	269

Casing: 4 inches.

Screen: 5 feet of 1¼ inch with bottom at 269 feet.

Pumping test:

June 1951. Duration: 3 days
Static water level: 4 feet
Yield: 4 gpm

N-3245. (B-8) R. S. Mautner, West Shore Drive, 100 feet from Canal, Massapequa. Drilled by Mathies Well & Pump Co., Inc., May 24, 1949.

Log:	Thickness (feet)	Depth (feet)
Beach sand	1	1
Coarse brown sand, grits and gravel	3	4
Bog	1	5
Coarse brown sand, grits and gravel	39	44
Medium brown sand	16	60
Gray clay	10	70
Black clay and clam shells	1	71
Black clay	25	96
Black clay, fine white sand and mica	4	100
Fine white sand, wood and mica	21	121
Very fine white sand, gray clay	32	153
Black clay	1	154

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N-3245. (Continued)

	Thickness (feet)	Depth (feet)
Fine white sand, mica and gray clay	21	175
Very fine white sand, gray clay	23	198
Medium white sand, little wood	18	215

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 212 feet.

Pumping test:

May 17, 1949. Duration: 3 hours
 Static water level: flowing
 Yield: 55 gpm

N-3246. (B-5) Will Clurman, Barret Road and Clinton Road, Lawrence. Eastern Well & Pump Co., July 25, 1949.

Log:	Thickness (feet)	Depth (feet)
Cellar	6	6
Light brown clean sand, few grits	8	14
Very fine gray beach sand	2	16
Dirty white beach sand	6	22
Light brown beach sand, mica	1	23
Light brown fine sand and gravel	5	28
Hard brown clay	6	34
Fine brown dirty sand, streaks of clay	82	116
Hard black clay	4	120
Fine dirty sand	4	124
Fine to medium coarse sand and grits	4	128
Fine to medium sand, small grits	8	136
Solid black clay	15	151

Casing: 4 inches.

Screen: 10 feet of 4 inch with bottom at 136 feet.

Pumping test:

July 19, 1949. Duration: 2 hours
 Static water level: 17 feet
 Drawdown: 14 feet
 Yield: 59 gpm

N-3308. (C-8) H. Schopman, north of Southern State Parkway, west of Seamen Neck Road, Wantagh. Drilled by Mathies Well & Pump Co., Inc., June 3, 1949.

Log:	Thickness (feet)	Depth (feet)
Well pit	4	4
Coarse brown sand, grits and gravel	37	41

Casing: 8 inches.

Screen: 8 feet of 8 inch with bottom at 41 feet.

Pumping test:

June 3, 1949. Duration: 6 hours
 Static water level: 8 feet
 Drawdown: 4 feet
 Yield: 100 gpm

N-3311. (D-6) Colonial Sand & Stone Corporation, 5000 feet north of Northern Boulevard and west of Shore Road, Port Washington. Drilled by E. K. Hutchinson & Son, July 5, 1949.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	70	70
Clay	20	90
Fine sand and clay	22	112
Clay	32	144
Sand and clay, thin bands	48	192
Sand and gravel	16	208

Casing: 8 inches.

Screen: 12 feet of 8 inch with bottom at 205 feet.

Pumping test:

July 5, 1949.	Duration:	8 hours
	Static water level:	22 feet
	Drawdown:	30 feet
	Yield:	250 gpm

N-3312. (C-7) County Community Corporation (Levitt & Sons), north of Bellows Lane and east of Dale Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., December 30, 1949.

Log:	Thickness (feet)	Depth (feet)
Loam	1	1
Coarse sand and gravel	34	35
Coarse sand and grit	28	63
Medium sand with layers of white clay	9	72
Fine sandy white clay	9	81
Fine white sand and lumps of white clay	12	93
Fine white sand, reddish clay, pieces of sandstone	11	104
Fine white sand, reddish clay	5	109
Fine white sand, clay and mica	37	146
Fine white sand, brown clay and mica.....	9	155
Blue sandy clay, mica and hard pan	12	167
Fine white sand, brownish clay, mica, silt, hard pan	23	190
Fine yellow sand, yellow clay, mica, silt, hard pan	21	210
Fine brown sand, some yellow clay, mica and hard pan	36	246
Fine sandy light yellow clay, mica and hard pan	11	257
Fine yellow sand and mica	2	259
Fine yellow sand, lumps of clay, mica, hard pan	26	285
Medium fine sand with some lumps of white clay and hard pan	18	303
Fine brown sand, clay, mica and hard pan	4	307

Casing: 12 inches.

Screen: 52 feet of 12 inch with bottom at 304 feet.

Pumping test:

September 26, 1949.	Duration:	8 hours
	Static water level:	23 feet
	Drawdown:	74 feet
	Yield:	870 gpm

N-3314. (B-6) New York Telephone Co., south of Jefferson Avenue and east of Remsen Street, Lynbrook. Drilled by C. W. Lauman & Co., Inc., February 7, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill	20	20
Brown clay	10	30
Gray clay	13	43
Gray clay with fine gray sand	3	46
Fine clean brown sand—sharp	5	51
Coarse dark brown sand and gravel	3	54
Very fine gray sand clay bound	10	64
Fine brown sharp sand—clean	9	73
Coarse dark brown sand, some clay and gravel	7	80
Casing: 6 inches.		
Screen: 6 feet of 6 inch with bottom at 78 feet.		
Pumping test:		
February 7, 1950. Duration:		4 hours
Static water level:		12 feet
Yield:		105 gpm

N-3350. (B-5) Dr. C. C. Halgren, north of Tanglewood Crossing and west of Ocean Avenue, Lawrence. Drilled by Eastern Well & Pump Co., August 22, 1949.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Fine light brown sand	6	8
Fine white beach sand	5	13
Dirty-fine brown sand, grits	4	17
Light brown sand and gravel	8	25
Clean fine brown sand and grits	7	32
Fine white sand, grits and gravel	3	35
Medium light brown sand, grits and gravel	6	41
Casing: 4 inches.		
Screen: 8 feet of 4 inch with bottom at 41 feet.		
Static water level:		
Yield:		
		11 feet
		60 gpm

N-3353. (C-8) George Wicks, south of Hunt Road and east of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., August 10, 1949.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Coarse brown sand and heavy gravel	47	49
Casing: 6 inches.		
Screen: 15 feet of 6 inch with bottom at 47 feet.		
Pumping test:		
August 10, 1949. Duration:		1½ hour
Static water level:		17 feet
Drawdown:		2 feet
Yield:		102 gpm

N-3355T. (D-8) U. S. Department of Interior, United States Geological Survey, Round Swamp Road, Plainview. Drilled by C. W. Lauman & Co., Inc., September 1951.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Loam and gravel	2	3
Coarse brown sand, grit and gravel	21	24
Coarse brown sand, grit and lumps of clay	20	44
Coarse brown sand and grit	29	73
Medium coarse brown sand	41	114
Coarse brown sand and grit	41	155
Medium fine brown sand	11	166
Fine gray sandy clay and layers of clay	24	190
Fine brown sand and some clay	16	206
Fine gray sandy clay	24	230
Fine brown sandy clay	26	254
Solid gray clay	13	267
Fine brown sand and some clay	14	281
Medium fine brown sand, some clay and layers of loam	35	316
Medium fine brown sand	36	352
Solid gray clay	8	360
Layers of medium fine sand and gray sandy clay	45	405
Medium fine brown sand	10	415
Solid clay	9	424
Fine brown sand and some clay	14	438
Solid gray clay and pyrite	31	469
Medium coarse brown sand	9	478
Solid gray clay	14	492
Silty clay and layers of lignite	14	506
Fine sandy clay and layers of solid clay	40	546
Medium fine sand, some clay and layers of solid clay	41	587
Medium coarse sand	12	599
Medium coarse sand and white clay	32	631
Fine sand, white and red	12	643
Coarse gravel with some clay.....	18	661
Layers of clay, fine sandy clay and layers of hardpan (cemented gravel conglomerate) (from 1 to 2 ft. apart 2" to 12" thick)	67	728
Coarse sand and grit brown	12	740
Layers of fine sandy clay, layers of clay and medium brown sand	47	787
Solid gray clay	84	871
Fine gray sandy clay and layers of pyrite.....	14	885
Solid dark gray clay	15	900
Solid red, white, black and gray clay	89	989
Layers of fine sand, sandy clay, solid clay and some grit	52	1041
Medium coarse white sand	10	1051
Medium fine white sand and layers of clay	11	1062
Fine gray sandy clay	17	1079
Layers of medium fine brown sand, sandy clay and solid clay	37	1116
Solid brown clay and gravel	17	1133
Medium fine brown sand and layers of clay	8	1141
Solid brown clay and gravel	76	1217
Rock		1248

Casing: 8 and 4 inches.

Screen: 20 feet of 4 inch with bottom at 1092 feet.

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N-3355T. (Continued)

Pumping test:

June 25, 1951. Duration: 7 hours
 Static water level: 147 feet
 Drawdown: 35 feet
 Yield: 80 gpm

Note: This well is used as an observation well only.

N-3360T. (B-7) New York Water Service Corporation, south of Thelma Avenue and east of Sherman Street, Merrick. Drilled by Karlson & Reed, Inc., September 7, 1949.

Log:	Thickness (feet)	Depth (feet)
Loam, dirty brown sand and gravel	3	3
Muddy sand and gravel	12	15
Clean sand and gravel	5	20
Fine sand	2	22
Coarse sand and gravel	6	28
Fine sand and mica	1	29
Dirty sand and gravel	4	33
Very fine sand	2	35
Fine sand and mica	21	56
Gray clay	2	58
Muddy sand	2	60
Fine dark sand and mica	10	70

Casing: 8 inches.

Screen: 10 feet of 8 inch with bottom at 34 feet.

Pumping test:

September 7, 1949. Duration: 4 hours
 Static water level: 4 feet
 Drawdown: 15 feet
 Yield: 60 gpm

Note: Well did not prove satisfactory—site abandoned.

N-3386. (D-6) Irving Jalonack, north of Power House Road and east of Roslyn Road, Roslyn. Drilled by Mathies Well & Pump Co., Inc., September 1, 1949.

Log:	Thickness (feet)	Depth (feet)
Top soil, loam and large stones	6	6
Coarse brown sand and large stones	6	12
Coarse brown sand, little clay, grits, gravel and few large stones	30	42
Clean coarse brown sand, grits, gravel and few large stones	42	84
Clean coarse brown sand, grits, gravel	38	122

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 122 feet.

Static water level: 90 feet
 Yield: 20 gpm

N-3411. (B-5) Keystone Yacht Club, Woodmere Boulevard and Bay, Woodmere. Drilled by Fred Habenicht & Sons, October 15, 1949.

Log:	Thickness (feet)	Depth (feet)
Mud, clam shells	2	2
Dirty black sand, sea shells and bottles	27	29
Black sticky clay	4	33
Yellow sand, water bearing (salty)	9	42
Mixture of yellow and brown clay	39	81
Fine gray sandy clay.....	20	101
Fine gray sand.....	5	106
Coarse gray sand.....	7	113

Casing: 4 inches.

Screen: 5 feet of 1¼ inch with bottom at 113 feet.

Pumping test:

October 8, 1949. Duration: 6 hours
Static water level: sea level
Drawdown: 16 feet
Yield: 9 gpm

N-3412. (C-8) Seaford Fire District, south of Franklin Avenue and west of Washington Avenue, Seaford. Drilled by Karlson & Reed, Inc., November 21, 1949.

Log shows 45 feet of sand and gravel.

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 44 feet.

Pumping test:

November 28, 1949. Duration: 2 hours
Static water level: 15 feet
Drawdown: 8 feet
Yield: 270 gpm

N-3413. (C-8) Seaford Fire District, south of Lincoln Street, east of Conway Street, Seaford. Drilled by Karlson & Reed, Inc., November 22, 1949.

Log shows 46 feet of sand and gravel.

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 45 feet.

Pumping test:

November 28, 1949. Duration: 2 hours
Static water level: 14 feet
Drawdown: 9 feet
Yield: 300 gpm

N-3414. (C-8) Seaford Fire District, south of Jerusalem Avenue and west of Seaman Neck Road, Seaford. Drilled by Karlson & Reed, Inc., November 23, 1949.

Log shows 42 feet of sand and gravel.

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 42 feet.

Pumping test:

November 28, 1949. Duration: 2 hours
Static water level: 5 feet
Drawdown: 15 feet
Yield: 290 gpm

N-3428T. (D-8) Central Park Water District, north of Hay Path Road and west of Central Park Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., December 14, 1949.

Log:	Thickness (feet)	Depth (feet)
Loam	2	2
Medium coarse red sand and gravel	9	11
Medium coarse sand and gravel	26	37
Medium coarse gray sand	22	59
Medium fine gray sand	36	95
Gray sandy clay	15	110
Fine gray sand and lumps of clay	9	119
Medium gray sand and some clay	14	133
Fine gray sandy clay	62	195
Medium coarse brown sand (dirty)	30	225
Medium coarse gray sand	9	234
Very fine gray sandy clay	22	256
Layer of fine brown and gray sand	20	276
Solid brown clay	1	277
Fine gray sandy clay	10	287
Medium fine brown sand	13	300
Fine brown sandy clay	6	306
Solid black clay	23	329
Medium fine brown sand	3	332
Fine brown sandy clay	18	350
Medium fine brown sand	30	380
Fine gray sandy clay	6	386
Medium fine gray sand	12	398
Medium fine gray sandy clay	3	401
Fine brown sandy clay	21	422
Medium fine brown sand	9	431
Gray sandy clay and layers of clay	27	458
Medium fine brown sand and layers of clay	11	469
Fine gray sandy clay and layers of clay	17	486
Medium fine brown sand	7	493
Fine gray sandy clay	14	507
Medium fine brown sand	5	512
Light gray sandy clay	14	526
Layers of clay and medium fine brown sand	14	540
Fine gray sandy clay	5	545
Medium fine brown sand	40	585
Layer of hardpan	1	586
Medium fine brown sand	9	595
Gray sandy clay	16	611

Note: Formation test hole only.

N-3437. (C-7) New York Water Service Corporation, Jefferson Street, Merrick. Drilled by C. W. Lauman & Co., Inc., January 20, 1950.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	6	6
Hard light gray clay	2	8
Brown sand and gravel	35	43
Medium fine gray sand	3	48

Casing: 30 and 12 inches.

Screen: 11 feet of 12 inch with bottom at 45 feet.

N-3437. (Continued)

Pumping test:

January 20, 1950. Duration: 2 hours
Static water level: 16 feet
Drawdown: 24 feet
Yield: 490 gpm

N-3443. (D-5) Citizens Water Supply Co., Fairview Avenue, Great Neck. Drilled by Layne-New York Co., Inc., November 7, 1950.

Log:	Thickness (feet)	Depth (feet)
Sandy clay and gravel	110	110
Sandy clay hard streaks	47	157
Clay	25	182
Sand and gravel	17	209
Clay hard streaks.....	206	415
Sand and gravel	48	463
Hard clay		below 463

Casing: 26, 18, 12 and 8 inches.

Screen: 40 feet of 8 inch with bottom at 463 feet.

Pumping test:

May 15, 1950. Duration: 8 hours
Static water level: 115 feet
Drawdown: 121 feet
Yield: 837 gpm

N-3444T. (D-7) Jericho Water District, north of Wheatley Road and west of Cedar Swamp Road, Wheatley. Drilled by Long Island Water Supply Co., December 22, 1949.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	50	50
Silt and fine sand	20	70
Fine sand	10	80
Sand and trace of clay	40	120
Fine sand, clay	10	130
Sand, fine to coarse	50	180
Sand, muscovite and clay	90	270
Red sand and clay	7	277
Sand—fine to coarse, muscovite and clay	53	130
Red, black clay, trace of sand, muscovite	15	345
Sand, fine to coarse, muscovite	55	410
Gray, pink clay	8	418
Fine sand and clay	12	430
Light brown clay	4	434
Light brown sand	6	440
White sandy clay	20	460

Note: Test hole only.

N-3448. (B-5) City of Long Beach, north of intersection of Park Avenue and Indiana Avenue, Long Beach. Drilled by American Drilling Co., March 16, 1950.

Log:	Thickness (feet)	Depth (feet)
Beach sand and gravel	12	12
Black clay, soft, salty	8	20
Coarse beach sand	28	48
Medium clay	6	54
Coarse water bearing sand	36	90
Clay, hard drilling	12	102
Gray clay, hard drilling, and wood	28	130
Streak of sand and clay	77	207
Fine gray sand	53	260
Hard clay	13	273
Water bearing sand	15	288
Firm clay	12	300
Streaks of clay and sand	33	333
Hard and soft clay with some streaks of sand	39	372
Water sand	31	403
Streaks of sand and clay	47	450
Water sand, good quality	46	496
Firm clay, slow drilling	26	522
Coarse sand, fine sand on the bottom	63	585
Soft clay	15	600
Hard clay	10	610
Soft clay, streaks of clay and sand	103	713
Very hard clay, slow drilling	24	737
Soft sandy clay, streaks of sand and gravel	118	855
Firm clay	140	995
Streaks of very hard clay, medium clay, and lenses of coarse sand, gravel and wood	28	1023
Softer clay	42	1065
Streaks white Raritan sand and gravel, layers clay	15	1080
Streaks of hard and soft red clay	72	1152
Streaks of hard and soft red clay, mixed with streaks of white sand and gravel	23	1175
Coarse sand, light gray, probably Lloyds	44	1219
Casing: 30, 20, 12 and 8 inches.		
Screen: 40 feet of 8 inch with bottom at 1233 feet.		

Pumping test:

March 16, 1950.	Duration:	8 hours
	Static water level:	2 feet
	Drawdown:	64 feet
	Yield:	1388 gpm

N-3450 (D-7) Rubber Corporation of America, north of Long Island Railroad and east of New South Road, Hicksville. Drilled by C. W. Lauman & Co., Inc., February 8, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit	6	6
Coarse gravel and sand	34	40
Hardpan and coarse gravel	3	43
Coarse gravel and sand	7	50
Sand and clay	5	55
Fine sandy clay, some mica	3	58
Coarse sand	3	61
Sand and clay	4	65

N-3450. (Continued)

	Thickness (feet)	Depth (feet)
Coarse sharp gravel and sand, some clay	3	68
Fine sand, brown, some clay	4	72
Fine gray sand	4	76
Fine brown sand, some clay	4	80
Streaks of multi-colored clay and hardpan	4	84
Fine gray sand, some clay	6	90
Fine brown sand with pieces of white clay	4	94
Red sandy clay with hardpan	1	95
Gray sand	6	101
Fine brown sand	3	104
Fine gray sand	3	107
Gray sandy clay	10	117
Fine gray sand—dirty	9	126
Medium fine red sand	2	128
Fine red sand	6	134
Fine red sand (dirty) and hardpan	6	140
Medium fine brown sand, clean	7	147
Light brown sand, small pieces of clay	2	149
Medium fine brown sand and hardpan	2	151
Yellow clay	3	154
Sandy clay	11	165

Casing: 10 inches.

Screen: 27 feet of 6 inch with bottom at 149 feet.

Pumping test:

September 7, 1950. Duration: 4 hours
 Static water level: 54 feet
 Yield: 268 gpm

N-3458. (D-6) Penn Stevedoring Corporation, south of Bar Lane and west of West Shore Road, Port Washington. Drilled by C. W. Lauman & Co., Inc., March 8, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Gray clay	10	12
Coarse brown sand	12	24
Fine yellow sand and clay	26	50

Casing: 4 inches.

Screen: 14 feet of 2 inch with bottom at 50 feet.

Static water level: 20 feet

Yield: 15 gpm

Note: Water Temperature 55° Fahrenheit.

N-3466. (E-6) New York Water Service Corporation, Glen Cove Pumping Plant Well Field. Drilled by Karlson & Reed, Inc., April 25, 1950.

Log:	Thickness (feet)	Depth (feet)
Loam and top soil	4	4
Coarse sand and large gravel.....	18	22
Red sand and gravel	8	30
Clay	2	32
Fine sand with lumps of clay	3	35

(Continued on next page)

N-3466. (Continued)

	Thickness (feet)	Depth (feet)
Clay	6	41
Hardpan and stones	6	47
Sandy clay	33	80
Fine sand	28	108
Medium coarse sand and clay.....	2	110
Gravel, sand and clay	18	128
Coarse sand and gravel	7	135
Coarse sand with lumps of clay	3	138
Gray sticky clay	4	142
Blue clay, dirty sand and gravel	6	148
Sand and gravel, with little clay	9	157
Sand and gravel, with lumps of clay	3	160
Large lumps of clay	3	163
Sand and gravel with lumps of clay	2	165
Sand and gravel with little clay	3	168
Gravel with small pieces of clay	3	171
Sandy clay	10	181

Casing: 12 inches.

Screen: 25 feet of 12 inch with bottom at 172 feet.

Pumping test:

April 25, 1950. Duration: 36 hours
 Static water level: flowing
 Drawdown: 20 feet
 Yield: 208 gpm

N-3469. (C-5) Cirenzia Inc., south of Village Avenue and east of Elmont Road, Elmont.
 Drilled by C. W. Lauman & Co., Inc., February 14, 1950.

Log:	Thickness (feet)	Depth (feet)
Cellar	9	9
Medium fine sand	8	17
Coarse sand, grits	16	33
Medium fine sand, some grits	11	44
Coarse sand, large gravel	5	49
Medium coarse sand, some grits	6	55

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 55 feet.

Pumping test:

February 6, 1950. Static water level: 18 feet
 Drawdown: 9 feet
 Yield: 125 gpm

N-3470. (C-5) Village Avenue Associates Inc., east of Elmont Road and north of Village
 Avenue, Elmont. Drilled by C. W. Lauman & Co., Inc., March 8, 1950.

Log:	Thickness (feet)	Depth (feet)
Cellar	12	12
Coarse sand, grit	35	47
Coarse brown sand and fine brown sand	11	58

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 58 feet.

N-3470. (Continued)

Pumping test:
February 1, 1950. Static water level: 19 feet
Drawdown: 10 feet
Yield: 100 gpm

N-3474. (D-7) Jericho Water District, Cedar Swamp Road and Wheatley Road, Wheatley.
Drilled by Layne-New York Co., Inc., August 10, 1950.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel and boulders	46	46
Sand and coarse gravel	10	56
Fine to coarse sand and gravel, streaks of clay	75	131
Sand, blue clay	12	143
Hard packed sand, lignite	65	208
Blue clay	8	216
Hard brown sand, streaks of blue clay	43	259
Medium coarse sand and clay	35	294
Medium coarse sand, white clay	13	307
Sandy clay	9	316
Coarse sand, thin streaks clay	12	328
Hard black clay	16	344
Sand and gravel	6	350
Sand, streaks of clay	9	359
Tough clay	2	361
Coarse sand, gravel, streaks of clay	11	372
White clay	3	375
Medium coarse sand	8	383
White clay	2	385
Coarse sand and gravel	30	415
Tough white clay	29	444
Coarse sand and gravel, white clay streaks.....	70	514
Tough white clay	29	444
Coarse sand and gravel, white clay streaks	70	514
Tough white clay		below 514

Casing: 24, 18 and 10 inches.

Screen: 60 feet of 10 inch with bottom at 512 feet.

Pumping test:
June 2, 1950. Duration: 8 hours
Static water level: 153 feet
Drawdown: 39 feet
Yield:1212 gpm

N-3477. (D-6) Swan Club, Shore Road and Landing Road, Roslyn. Drilled by Fred Habenicht & Sons, February 11, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill	7	7
Hard packed sand	12	19
Black bay mud	4	23
Gray hard clay	3	26
Gray sticky clay	15	41
Brown sandy clay	8	49

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N-3477. (Continued)	Thickness (feet)	Depth (feet)
Brown sand	2	51
Coarse yellow sand	8	59
Casing: 4 inches.		
Screen: 8 feet of 4 inch with bottom at 59 feet.		
Pumping test:		
February 11, 1950. Duration:		4 hours
Static water level:		flows
Drawdown:		12 feet
Yield:		70 gpm

N-3482. (D-7) Long Island Comunity Playhouses, Inc., (Hicksville Playhouse) Marie Street and Broadway, Hicksville. Drilled by Duffield Construction Co., June 16, 1950.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and rock	5	5
Large rock	5	10
Large stone, some sand	30	40
Sand and gravel	49	89
Casing: 8 inches.		
Screen: 10 feet of 8 inch with bottom at 89 feet.		
Static water level:		65 feet
Yield:		250 gpm

N-3484. (D-6) Westbury Theatre Corporation, Post Avenue and Newton Street, Westbury. Drilled by C. W. Lauman & Co., Inc., April 21, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill	12	12
Coarse brown sand and heavy gravel	17	29
Fine sand and clay	31	60
Sandy clay	20	80
Solid brown clay	46	126
Fine brown sand and lumps of brown clay	8	134
Medium coarse brown sand	7	141
Fine sand and lumps of clay	23	164
Solid light brown clay	5	169
Solid gray clay	31	200
Casing: 8 inches.		
Screen: 24 feet of 8 inch with bottom at 165 feet.		
Pumping test:		
April 20, 1950. Duration:		3 hours
Static water level:		30 feet
Drawdown:		34 feet
Yield:		300 gpm

N-3486. (E-7) Oyster Bay Water District, Mill Hill Road and Shore Road, Oyster Bay. Drilled by Long Island Water Supply Co., Inc., April 7, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill	8	8
Clay	2	10
Medium brown sand and small gravel	10	20

N-3486. (Continued)

	Thickness (feet)	Depth (feet)
Coarse brown sand and small gravel	10	30
Coarse brown sand and medium gravel	10	40
Coarse brown sand and coarse gravel	10	50
Fine brown sand	10	60
Medium brown sand and small gravel	15	75
Coarse brown sand and coarse gravel	5	80
Medium brown sand and coarse gravel	10	90
Medium brown sand	12	102

Casing: 12 and 20 inches.

Screen: 32 feet of 12 inch with bottom at 102 feet.

Pumping test:

April 7, 1950. Duration: 12 hours
 Static water level: flows
 Yield: 500 gpm

N-3488. (C-7) Hicksville Water District, Jerusalem Avenue and Oyster Bay-Hempstead Town Line, Hicksville. Drilled by G. W. Lauman & Co., Inc., May 22, 1951.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Loam	2	3
Coarse brown sand and grits	85	88
Multi-colored sandy clay	7	95
Medium coarse brown sand	2	97
Multi-colored sandy clay	22	119
Fine brown sand	25	144
Layers of fine brown sand and sandy clay	33	177
Solid gray clay and layers of brown sandy clay	25	202
Fine brown sand	10	212
Fine gray sand	11	223
Fine brown sand	5	228
Fine brown sandy clay	5	233
Medium fine brown sand	6	239
Solid gray clay	4	243
Fine brown sandy clay	7	250
Fine brown clay	18	268
Solid gray clay and sandy clay	16	284
Fine brown sand	5	289
Streaks of sandy clay, fine sand and hardpan	5	294
Fine brown sand	4	298
Fine gray sandy clay	6	304
Fine brown sand	10	314
Multi-colored sandy clay	11	325
Fine brown sand (dirty)	4	329
Fine gray sandy clay and layers of clay	17	346
Fine brown sand	3	349
Fine gray sandy clay	2	351

Casing: 20 and 12 inches.

Screen: 53 feet of 12 inch with bottom at 168 feet.

Pumping test:

October 7, 1950. Duration: 8 hours
 Static water level: 44 feet
 Drawdown: 47 feet
 Yield: 1540 gpm

N-3493. (E-5) Gustave Schindler, Middle Neck Road, Sands Point. Drilled by C. W. Lauman & Co., Inc., April 17, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Loam and large rocks	2	3
Sandy loam and large rocks	9	12
Brown coarse sand and large gravel	61	73
Medium coarse sand, grits and mica	25	98
Fine brown sand and mica	2	100

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 100 feet.

Pumping test:

July 21, 1950. Static water level: 84 feet
Yield: 10 gpm

N-3498. (B-8) Town of Oyster Bay, Tobay Beach. Drilled by Long Island Water Supply Co., Inc., May 29, 1950.

Log:	Thickness (feet)	Depth (feet)
Sand	40	40
Clay	215	255
Clay and fine sand	40	295
Sand	7	302
Sand and clay	6	308
Clay	7	315
Sand	20	335

Casing: 8 inches.

Screen: 20 feet of 8 inch with bottom at 335 feet.

Pumping test:

May 26, 1950. Duration: 8 hours
Static water level: 30 feet
Drawdown: 30 feet
Yield: 125 gpm

N-3504. (C-5) New York Telephone Company, Lowell Avenue and Tyson Avenue, Floral Park. Drilled by C. W. Lauman & Co., Inc., May 16, 1950.

Log:	Thickness (feet)	Depth (feet)
Open pit	9	9
Fill	2	11
Medium coarse sand	3	14
Medium coarse sand and grits	7	21
Coarse sand and grits and gravel	62	83

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 83 feet.

Pumping test:

May 16, 1950. Duration: 1/2 hour
Static water level: 36 feet
Drawdown: 14 feet
Yield: 60 gpm

N-3511. (C-5) Westchester Racing Association, Belmont Park, Elmont. Drilled by Artesian Well & Equipment Co. Inc., June 14, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil clay and sand	4	4
Coarse sand and pea size gravel	49	53
Medium sand	46	99
Coarse sand and gravel	21	110
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 110 feet.		
Pumping test:		
April 19, 1950. Duration:		8 hours
Static water level:		37 feet
Drawdown:		7 feet
Yield:		69 gpm

N-3515. (D-7) Molla Furniture Company, north of Fulton Street and east of Bond Street, New Cassel. Drilled by C. W. Lauman & Co., Inc., August 14, 1950.

Log:	Thickness (feet)	Depth (feet)
Topsoil	1	1
Coarse sand, grits and gravel	39	40
Coarse brown sand	7	47
Very fine brown sandy clay	26	73
Gray clay	3	76
Very fine brown sand and lumps of clay	4	80
Medium coarse brown sand	9	89
Sandy clay	16	105
Casing: 6 inches.		
Screen: 6 feet of 6 inch with bottom at 89 feet.		
Static water level:		49 feet
Yield:		35 gpm

N-3520. (C-6) Long Island Water Corporation, south of Hempstead Avenue and west of Cleveland Street, Lakeview. Drilled by C. W. Lauman & Co., Inc., September 17, 1951.

Log:	Thickness (feet)	Depth (feet)
Topsoil and sand	3	3
Hard brown sand	7	10
Brown sand and gravel	31	41
Very fine sandy clay, pyrite and lignite	49	90
Fine gray sand, dirty	5	95
Very fine dark gray clay with layers of pyrite and lignite	2	97
Very fine gray sand and mica	8	105
Very fine brown sandy clay with pyrite and lignite	9	114
Fine gray sand, lignite, dirty	2	116
Fine gray sandy clay	4	120
Fine gray sandy clay and hardpan	7	127
Fine gray sand, dirty	8	135
Medium fine gray sand and lignite	7	142
Very fine brown sandy clay	2	144
Very fine gray sand and clay	8	152

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N-3520. (Continued)

	Thickness (feet)	Depth (feet)
Layers of fine sand and clay	1	153
Fine gray sand	5	158
Fine gray sand, pieces of clay	3	161
Fine gray sand, dirty	3	164
Fine gray sand with pieces of clay	5	169
Very fine gray sand with layers fine brown sandy clay and lignite	8	177
Very fine brown sandy clay, solid	4	181
Brown sandy clay	3	184
Very fine brown sandy clay, layers of pyrite and lignite	5	189

Casing: 24 and 12 inches.

Screen: 52 feet of 12 inch with bottom at 177 feet.

Pumping test:

March 1, 1951.	Duration:	8 hours
	Static water level:	7 feet
	Drawdown:	106 feet
	Yield:	840 gpm

N-3521T. (D-5) Village of Plandome, Stonytown Road, Plandome. Drilled by C. W. Lau-
man & Co., Inc., May 15, 1950.

Log:	Thickness (feet)	Depth (feet)
Loam	1	1
Solid gray clay	8	9
Coarse brown sand and grit	21	30
Solid gray clay	50	80
Coarse gray sand grit and some gravel	9	89
Coarse brown sand grit and some gravel	30	119
Coarse brown sand grit and lumps of clay and layers of hardpan	15	134
Medium coarse brown sand grit and large gravel	59	203
Fine brown sand	15	218
Solid gray clay and lignite	103	321
Fine brown sandy clay	22	343
Fine brown sand and some clay	10	353
Coarse brown sand	11	364
Coarse brown sand clay grit and some gravel	4	368
Solid brown clay	23	391
Fine brown sand dirty	4	395
Medium coarse brown sand	4	399
Coarse brown sand and grit	7	406

Formation test well only.

For pumping test data see well N-3540 installed 20 feet from test well.

N-3523. (D-5) Manhasset-Lakeville Water District, north of Park Avenue and east of Eakins
Road, Manhasset. Drilled by Layne-New York Co., Inc., August 16, 1950.

Log:	Thickness (feet)	Depth (feet)
Gravel and boulders	98	98
Hard packed sand and gravel	66	164
Sand gravel and hard streaks	24	188
Hard sand, clay and gravel	41	229
Tough clay	2	231
Sand and clay	56	287

N-3523. (Continued)	Thickness (feet)	Depth (feet)
Coarse sand and fine gravel	34	321
Sand and clay	10	331
Casing: 38, 20 and 12 inches.		
Screen: 30 feet of 12 inch with bottom at 320 feet.		
Pumping test:		
August 16, 1950.	Duration:	8 hours
	Static water level:	140 feet
	Drawdown:	107 feet
	Yield:	1062 gpm

N-3529. (B-6) Lido Theatre, north of East Park Street and west of Long Beach Boulevard, Long Beach. Drilled by C. W. Lauman & Co., Inc., July 20, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill	6	6
Fine gray sand	2	8
Gray clay	6	14
Fine gray sand	30	44
Gray clay	5	49
Coarse sand and grits.....	4	53
Medium gray sand	13	66
Medium brown sand	4	70
Coarse brown sand	5	75
Coarse brown sand and grits	14	89
Medium dark brown sand	4	93
Coarse sand grits and gravel	7	100
Medium brown sand and grits	4	104
Hard gray clay	2	106
Casing: 8 inches.		
Screen: 11 feet of 8 inch with bottom at 104 feet.		
Pumping test:		
June 20, 1950.	Duration:	1 hour
	Static water level:	7 feet
	Yield:	150 gpm

N-3534. (C-6) Hofstra College, Hempstead. Drilled by E. K. Hutchinson & Son, November 1, 1950.

Log:	Thickness (feet)	Depth (feet)
Loam and gravel	24	24
Clay	12	36
Sand and gravel	69	105
Casing: 10 inches.		
Screen: 24 feet of 10 inch with bottom at 105 feet.		
Pumping test:		
November 1, 1950.	Duration:	4 hours
	Static water level:	21 feet
	Drawdown:	31 feet
	Yield:	330 gpm

N-3535. (D-6) Oliver H. Iselin, Hoagland Road and Cedar Swamp Road, Old Brookville.
 Drilled by C. W. Lauman & Co., Inc., June 7, 1950.

Log:	Thickness (feet)	Depth (feet)
Topsoil	2	2
Fine sand	3	5
Medium coarse sand and gravel mix	20	25
Sandy loam	18	43
Brown fine sand	10	53
Sand and heavy gravel	21	74
Medium coarse sand (life)	5	79

Casing: 6 inches.

Screen: 7 feet of 6 inch with bottom at 79 feet.

Static water level:	55 feet
Yield:	30 gpm

N-3538. (D-6) Levitt & Sons, Inc., Westbury Road and Campbell Parkway, Albertson.
 Drilled by C. W. Lauman & Co., Inc., May 31, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill, loose rocks	5	5
Coarse brown sand and grits	9	14
Sandy clay and 3 inch gravel	18	32
Coarse sand and grits	17	49
Dark brown medium sand	30	79
Coarse gravel and grits	12	91
Fine brown sand	4	95

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 95 feet.

Static water level:	53 feet
Yield:	150 gpm

N-3540. (D-5) Village of Plandome, south of Stonytown Road and west of Long Island Railroad, Plandome. Drilled by C. W. Lauman & Co., Inc., June 26, 1951.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	3	3
Hard gray clay	7	10
Coarse yellow sand and gravel	15	25
Hard gray clay	55	80
Sand and heavy gravel	15	95
Medium to coarse yellow sand, gravel	17	112
Medium coarse sand, gravel and clay	8	120
Hard packed sand, some gravel and clay	10	130
Medium to coarse brown sand, some gravel	20	150
Medium to coarse brown sand and heavy gravel	45	195
Medium to coarse brown sand and some gravel	12	207

Casing: 12 and 20 inches.

Screen: 52¼ feet of 12 inch with bottom at 155 feet.

Pumping test:

July 20, 1950. Duration:	9 hours
Static water level:	33 feet
Drawdown:	52 feet
Yield:	700 gpm

Note: Refer also to N-3521T.

N-3547. (C-7) The Grand Union Company, Division Street and Hempstead Turnpike, Levittown. Drilled by Eastern Well & Pump Co., August 15, 1950.

Log:	Thickness (feet)	Depth (feet)
Cellar	10	10
Coarse light brown sand and grits	45	55
Casing: 6 inches.		
Screen: 11 feet of 6 inch with bottom at 55 feet.		
Pumping test:		
August 15, 1950. Duration:		2 hours
Static water level:		25 feet
Yield:		124 gpm

N-3552. (C-7) Hicksville Water District, Newbridge Road and Dutch Lane, Hicksville. Drilled by C. W. Lauman & Co., Inc., March 22, 1951.

Log:	Thickness (feet)	Depth (feet)
Topsoil and clay	6	6
Coarse sand and gravel	85	91
Medium fine multicolored clay	10	101
Medium coarse red sand and some gravel	36	137
Fine red sand and mica	11	148
Brown sandy clay	2	150
Fine brown sand	7	157
Multicolored sandy clay	3	160
Fine brown sand and mica	12	172
Fine brown sand	3	175
Brown sandy clay	10	185
Hard brown sandy clay	7	192
Fine brown sandy clay	9	201
Casing: 20 and 12 inches.		
Screen: 53 feet of 12 inch with bottom at 169 feet.		
Pumping test:		
November 27, 1950. Duration:		8 hours
Static water level:		50 feet
Drawdown:		30 feet
Yield:		1515 gpm

N-3553. (C-7) Hicksville Water District, Wantagh State Parkway and Dutch Lane, Hicksville. Drilled by C. W. Lauman & Co., Inc., May 21, 1951.

Log:	Thickness (feet)	Depth (feet)
Topsoil and loam	3	3
Coarse yellow sand and gravel	71	74
Yellow muddy sand, streaked with clay	31	105
Medium to coarse yellow sand showing particles of clay	25	130
Fine gray muddy sand	22	152
Soft gray sandy clay	88	240
Hard dark gray sandy clay	40	280
Yellow sandy clay	5	285
Medium to coarse gray sand	22	307
Soft gray sandy clay	19	326

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N-3553. (Continued)	Thickness (feet)	Depth (feet)
Medium coarse gray sand	5	331
Fine gray sand and clay and lumps of clay	16	347
Casing: 20 and 12 inches.		
Screen: 53 feet of 12 inch with bottom at 152 feet.		
Pumping test:		
November 17, 1950. Duration:		8 hours
Static water level:		43 feet
Drawdown:		64 feet
Yield:		1400 gpm

N-3554. (C-8) Nassau County, Department of Public Works, Herman Avenue and Sophia Street, Bethpage. Drilled by Nassau County, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Coarse sand and gravel, some stones 1/2" to 2"	27	29
Light brown sandy clay and gravel	4	33
Coarse sand and gravel, some stones 1/2" to 2"	11	44
Yellow sandy clay	34	78
Fine sand and a little gravel	21	99
Yellow sandy clay	1	100
Fine brown sand with some clay	6	106
Fine sand and grits, small amount of gravel	6	112
Fine red sand with some clay mixture	5	117
Fine sand with red, sandy clay mixture	5	122
Fine light tan sand	9	131
Light brown clay	8	139
Fine light brown sand	21	160
Fine light gray sand	14	174
Gray clay and hardpan	5	179
Fine gray sand	10	189
Light brown, sandy clay	3	192
Fine brown sand	8	200
Light tan, sandy clay	13	213
Blue, sandy clay	5	218
Brown hard rock, sand with clay mixture	26	244
Fine yellow sand, some clay	18	262
Medium coarse brown sand—good water bearing	7	269
Dark blue, sandy clay, some stones	9	278
Blue jumbo clay	12	290
Clay		below 290

Note: Test hole only used as observation well.

N-3561. (E-7) Oyster Bay Water District, Shore Road, Oyster Bay. Drilled by Long Island Water Supply Co., Inc., September 5, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Dirty blue sandy clay	7	10
Coarse brown sand and gravel	10	20
Medium brown sand and gravel	8	28
Hard brown clay	20	48
Hard gray clay	18	66
Fine brown sand	7	73
Coarse brown sand and gravel	11	84

N-3561. (Continued)

	Thickness (feet)	Depth (feet)
Large stones and coarse sand	5	89
Coarse brown sand and gravel	10	99
Medium brown sand and gravel	9	108
Coarse brown sand and gravel	9	117
Medium brown sand and gravel	4	121

Casing: 12 inch.

Screen: 30 feet of 12 inch, with bottom at 118 feet.

Pumping test:

August 31, 1950.	Duration:	8 hours
	Static water level:	flowing
	Drawdown:	80 feet
	Yield:	800 gpm

N-3562. (B-5) Union Free School District No. 20, Marion Street and Waverly Avenue, East Rockaway. Drilled by Eastern Well & Pump Co., October 10, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill	6	6
Medium coarse brown sand, gravel and stones	12	18
Fine brown sand and gravel, some mica	13	31
Fine to medium brown sand, lots of gravel	9	40
Coarse light brown sand, grits and gravel.....	20	60

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 55 feet.

Pumping test:

October 3, 1950.	Duration:	3 hours
	Static water level:	19 feet
	Drawdown:	6 feet
	Yield:	102 gpm

N-3565. (B-8) Walter Kaufman, Clearwater Avenue and Seminole Avenue, Massapequa. Drilled by Mathies Well & Pump Co., Inc., September 25, 1950.

Log:	Thickness (feet)	Depth (feet)
Beach sand	3	3
Bog	2	5
Coarse sand and gravel	28	33
Coarse sand	11	44
Fine sand	28	72
Black clay	12	84
Sand and black clay	12	96
Fine white sand, wood and silt	6	102
Fine white sand, streaks of black clay	22	124
Fine white sand with gray clay	22	146
Black clay	1	147
Fine white sand and silt	25	172
Black clay	7	179
Fine white sand, black clay—water	5	184
Black clay	1	185
Fine white sand	10	195
Coarse white sand	13	208

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 206 feet.

Static water level:	2½ feet
Yield:	8 gpm

N-3568. (E-7) Kohler Bros., Vista Road and Alading Road, Centre Island. Drilled by C. W. Lauman & Co., Inc., July 10, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil and fine sand	5	5
Coarse sand and gravel	33	38
Gray silty clay and fine sand	80	118
Hard gray clay	5	123
Medium coarse sand—life, little water	3	126
Very fine sand and clay mixture	22	148
Brown clay	6	154
Fine muddy sand and mica	6	160
Heavy gravel and clean sand	6	166

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 166 feet.

Static water level: 2½ feet

N-3569. (D-7) Locust Grove Conduit Corporation, Robins Lane and Long Island Railroad, Hicksville. Drilled by C. W. Lauman & Co., Inc., June 16, 1951.

Log:	Thickness (feet)	Depth (feet)
Coarse sand, gravel and heavy stones	23	23
Coarse sand, grits and gravel	5	28
Coarse sand, gravel, heavy stones and some small boulders	47	75
Medium coarse white sand, some grits	13	88
White clay with layers of sand and hardpan	37	125
White clay	14	139
Sandy clay	3	142
Gray clay and hardpan	7	149
Sandy clay with straths of solid gray clay	43	192
Sandy white clay	6	198
Sandy yellow clay	24	222
Fine sand with clay	11	233
Solid gray clay	34	267
Sandy gray clay	5	272
Fine sand with clay and some hardpan	3	275
Solid white clay and hardpan	4	279
Very fine sand, clay and mica	16	295
Very fine sand, clay, mica and hardpan	5	300
Medium fine sand, some clay and mica	5	305
Medium fine sand, clay and hardpan	5	310
Fine sand, mica, clay and hardpan	6	316
Medium coarse sand, lumps of white clay, some grit	5	321
Fine sand, mica, hardpan, little clay	5	326
Medium coarse sand, hardpan	2	328
Gray clay and hardpan	1	329
Very fine sand, silt and claylike quicksand	2	331
Rubbery clay with silt and hardpan	4	335
Fine sand and clay	1	336
Medium coarse sand, some clay and hardpan	1	337
Hard sandy clay	7	344
Fine sand, some lumps of white clay	1	345
Medium coarse sand, grits and mica	5	350
Coarse sand, grit and some hardpan	8	358
Coarse sand, grits and white clay	3	361
Coarse gray sand and grit	5	366
Coarse yellow sand and grit and gravel	2	368
Coarse gray sand, grit and gravel	5	373

N-3569. (Continued)	Thickness (feet)	Depth (feet)
Coarse white sand, grit, some gravel	2	375
Coarse grayish sand, grit and gravel	7	382
Coarse yellow sand, grit and gravel	2	384
Medium coarse pink sand, grit, gravel and lumps white sandy clay	5	389
Medium coarse red sand, grit, gravel and lumps gray clay	6	395
Coarse brown sand, grit, gravel and lumps of gray clay	4	399
Coarse pinkish sand, grit, gravel, lumps white clay	below	399

Casing: 16 inches.

Screen: 50 feet of 8 inch with bottom at 402 feet.

Pumping test:

June 4, 1951. Duration: 2 hours
 Static water level: 104 feet
 Drawdown: 98 feet
 Yield: 1000 gpm

N-3570. (B-7) Town of Hempstead, Merrick Road and Meadowbrook Parkway, Merrick.
 Drilled by C. W. Lauman & Co., Inc., November 10, 1951.

Log:	Thickness (feet)	Depth (feet)
Loam and gravel	3	3
Medium coarse sand and grit	8	11
Coarse brown sand, grit and gravel	22	33
Medium coarse white sand and gravel	7	40
Solid gray clay	18	58
Sand, gravel with clay	7	65
Dirty white sand, grit and some clay	13	78
Medium fine sand, grit and mica	20	98
Fine sand, mica, layers of clay and wood	22	120
Medium coarse sand, grits and lumps of clay	2	122
Fine white sand, mica and white clay	9	131
Very fine gray sand, mica and lumps of clay	18	149
Very fine white sand, with clay	2	151

Casing: 8 inches.

Screen: 16 feet of 8 inch with bottom at 129 feet.

Pumping test:

September 4, 1950. Duration: 8 hours
 Static water level: flows
 Drawdown: 31 feet
 Yield: 267 gpm

N-3579. (C-6) Woodall Industries, Guinea Woods Road and Westbury Avenue, Carle Place.
 Drilled by Eastern Well & Pump Co., September 26, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill	6	6
Sand and gravel, large stones	2	8
Hard packed sand and gravel—(dirty)	3	11
Coarse light brown sand and gravel	2	13
Fine to medium brown sand and gravel	50	63
Same as above with clay and hardpan	2	65

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N-3579. (Continued)

	Thickness (feet)	Depth (feet)
Very fine uniform light brown sand, fairly clean, some mica	8	73
Muddy sand and clay	4	77

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 6 feet.

Pumping test:

September 26, 1950.	Duration:	2 hours
	Static water level:	22 feet
	Drawdown:	5 feet
	Yield:	20 gpm

Note: All measurements are from building floor.

N-3581. (B-6) A. M. A. Corporation, west of Lawson Blvd. and south of Weidner Avenue, Oceanside. Drilled by Eastern Well & Pump Co., October 6, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Bog	2	6
Dirty light brown sand and gravel	4	10
Dark grayish brown sand and gravel	6	16
Fine to medium light brown sand & gravel	14	30
Gray clay	1	31
Fine to medium light brown sand & gravel	25	56
Hard gray clay		below 56

Casing: 6 inch.

Screen: 11 feet of 6 inch, with bottom at 56 feet.

Pumping test:

September 9, 1950.	Duration:	2 hours
	Static water level:	41½ feet
	Drawdown:	12 feet
	Yield:	82 gpm

N-3582. (C-7) Levitt & Sons, Inc., Center Lane and Mill Lane, Hicksville. Drilled by C. W. Lauman & Co., Inc., December 15, 1950.

Log:	Thickness (feet)	Depth (feet)
Medium brown sand and gravel	20	20
Coarse brown sand, grits and large gravel	59	79

Casing: 10 inches.

Screen: 21 feet of 8 inch with bottom at 79 feet.

Pumping test:

September 5, 1950.	Duration:	8 hours
	Static water level:	23 feet
	Drawdown:	10 feet
	Yield:	300 gpm

N-3584 (C-7) Levitt & Sons, Inc., Levittown Parkway and Beach Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., October 11, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Loam	1	2
Coarse yellow sand, gravel, heavy stones	63	65
Coarse sand, grits, gravel	6	71
Medium coarse sand, grits, gravel, yellow clay, lumps of white clay, hardpan, mica	5	76
Pink sand with clay, lumps white clay, hardpan mica	9	85
Sandy yellow clay with layers of hardpan	15	100
Medium fine sand with clay and hardpan	6	106
Fine sandy white clay and hardpan	15	121

Casing: 12 inches.

Screen: 26 feet of 12 inch with bottom at 107 feet.

Pumping test:

October 11, 1950. Duration: 8 hours
 Static water level: 46½ feet
 Yield: 600 gpm

N-3594. (B-5) Bildner Big Ben Corporation, Carpenter Avenue and Roosevelt Street, Lynbrook. Drilled by Eastern Well & Pump Co., September 22, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Soft sticky clay	5	7
Medium sand, not too clean	1	8
Coarse clean sand, mostly grits and gravel	5	13
Solid sticky clay	3	16
Dirty sand and gravel	3	19
Alternate layers, stiff black clay, very fine beach sand, very clayey, lignite	161	180

Note: Well abandoned.

N-3603. (C-5) Franklin Square Water District, Court House Road and Schroeter Avenue, Franklin Square. Drilled by Layne-New York Co., Inc., April 26, 1951.

Log:	Thickness (feet)	Depth (feet)
Red brown sand	35	35
Brown sand, gravel	66	101
Sand, gravel, clay	59	160
Muddy sand	36	196
Black sandy clay	74	270
Sand streaks clay	65	335
Black clay	7	342
Muddy sand	39	381
Clay	21	402
Muddy sand	24	426
Sand	54	480
Clay	2	482

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N-3603. (Continued)

	Thickness (feet)	Depth (feet)
Sand	12	494
Clay	4	498

Casing: 24, 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 393 feet.

Pumping test:

April 26, 1951.	Duration:	8 hours
	Static water level:	28 feet
	Drawdown:	104 feet
	Yield:	1005 gpm

N-3605. (C-5) Franklin Square Water District, Doris Street, Arlington Avenue, Franklin Square. Drilled by Layne-New York Co., Inc., February 19, 1951.

Log:	Thickness (feet)	Depth (feet)
Red sand	65	65
Black clay	27	92
Sandy clay	202	294
Tough clay	4	298
Sand gravel, clay streaks	86	384
Coarse sand	36	420
Coarse sand, clay streaks	23	443

Casing: 24, 18 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 443 feet.

Pumping test:

February 19, 1951.	Duration:	8 hours
	Static water level:	12 feet
	Drawdown:	27 feet
	Yield:	1012 gpm

N-3610. (C-7) Hempstead Division Construction Corporation (J. C. Penney Store), Hempstead Turnpike and Division Avenue, Levittown. Drilled by C. W. Lauman & Co., Inc., January 2, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit	10	10
Very coarse sand and gravel and few large stones	35	45
Clean coarse sand, few stones	22	67

Casing: 8 inches.

Screen: 11 feet of 6 inch with bottom at 66 feet.

Pumping test:

October 5, 1950.	Duration:	5 hours
	Static water level:	29 feet
	Drawdown:	4 feet
	Yield:	130 gpm

N-3611. (C-8) Seaford Fire District, Sunrise Highway and Seaman Neck Road, Seaford. Drilled by Joseph J. Kreiger, Inc., November 28, 1950.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	46	46

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 45 feet.

N-3611. (Continued)

Pumping test:
 November 28, 1950. Duration: 1 hour
 Static water level: 12 feet
 Drawdown: 10 feet
 Yield: 290 gpm

N-3618 (C-7) Levitt & Sons, Inc., Jerusalem Avenue and Hempstead Turnpike, Levittown.
 Drilled by C. W. Lauman & Co., February 8, 1951.

Log:	Thickness (feet)	Depth (feet)
Fill	9	9
Coarse sand, gravel, stones	49	58
Coarse sand and gravel	18	76
Fine sand and layer of fine sandy clay	1	77
Sand and gravel, little dirty	4	81
Fine brown clayey sand, stratified	11	92
Dark gray sandy clay	23	115
Brown sandy clay, more sand than above	12	127
Black sandy clay	8	135
Gray and tan sandy clay	20	155
Grayish tan fine clayey sand	18	173
Fine brown clayey sand	13	186
Grayish brown clayey sand	18	204
Gray and black clayey sand and lignite	20	224
Medium coarse and fine brown sand, little dirty, lumps of clay and hardpan	62	286
Grayish tan fine clayey sand	35	321
Dark gray sticky clay	5	326
Gray sandy clay	17	343
Gray clayey sand, very hard packed	10	353
Grayish tan clayey sand (soft), some hardpan	18	371
Coarse and fine brown sand, lumps of white gray soft clay, 4" layer of light gray solid clay at 371 feet	17	388
Light gray clayey fine sand	2	390
Grayish fine and coarse sand, little clayey, small layers of white clay	25	415
Thin layer of white clay. Same formation as above, little dirtier	5	420

Casing: 16 inches.

Screen: 41 feet of 8 inch with bottom at 420 feet.

Pumping test:
 February 8, 1951. Duration: 8 hours
 Static water level: 34 feet
 Drawdown: 51 feet
 Yield: 1025 gpm

N-3619. (B-7) Pauline Pospl, Merriek Road and Long Island Railroad, Merrick. Drilled
 by Mathies Well & Pump Co., Inc., October 20, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	3	3
Coarse sand and gravel	40	43

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N-3619. (Continued)

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 43 feet.

Static water level:	8 feet
Drawdown:	12 feet
Yield:	40 gpm

N-3621. (D-4) A. B. Wolosoff, Kings Point Road and Red Brook Road, Kings Point. Drilled by C. W. Lauman & Co., Inc., February 26, 1951.

Log:	Thickness (feet)	Depth (feet)
Gray clay	6	6
Boulders	3	9
Fine gray sand	2	11
Brown coarse sand and gravel	21	32
Brown coarse sand and grits	8	40
Gray clay	9	49

Casing: 8 inches.

Screen: 7 feet of 6 inch with bottom at 40 feet.

Pumping test:

February 26, 1951.	Duration:	2 hours
	Static water level:	13 feet
	Drawdown:	19 feet
	Yield:	110 gpm

N-3631. (C-6) Daniel Roberts, St. Paul's Place and Bedell Avenue, Hempstead. Drilled by Ralph L. Marks, December 8, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil and clay	4	4
Fine sand and gravel	15	19
Coarse sand and gravel	22	41

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 41 feet.

Pumping test:

December 7, 1950.	Duration:	5 hours
	Static water level:	24 feet
	Drawdown:	2 feet
	Yield:	58 gpm

N-3632. (C-6) Rivoli Theatre, Main Street, Hempstead. Drilled by C. W. Lauman & Co., Inc., January 2, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit	10	10
Coarse brown sand and gravel	53	63
Gray sand and clay	3	66
Brown sand and clay	2	68
Sand, clay, hardpan and some gravel	2	70

N-3632. (Continued)

	Thickness (feet)	Depth (feet)
Coarse brown sand	10	80
Light brown sand and clay	4	84
Brown sand, clay and hardpan	2	86
Gray sand, clay and some hardpan	19	105
Gray and brown sand and clay	5	110
Very fine brown sand and clay	5	115
Coarse brown sand	8	123
Medium coarse brown sand and lumps of clay	2	125
Coarse brown sand and clay	3	128
Coarse brown sand	5	133
Gravel with lumps of clay	1	134
Medium coarse brown sand	3	137

Casing: 12 and 6 inches.

Screen: 23 feet of 6 inch with bottom at 137 feet.

Pumping test:

January 2, 1951. Duration: 4 hours
 Static water level: 17 feet
 Drawdown: 30 feet
 Yield: 600 gpm

N-3634. (C-7) Levitt & Sons, Inc., Carman Avenue and Stewart Avenue, Hempstead.
Drilled by C. W. Lauman & Co., Inc., June 22, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit	9	9
Coarse brown sand and gravel	39	48
Medium fine brown sand, mica, hardpan and lumps of clay	20	68
Fine yellow sand, mica, lumps of clay	12	80
Very fine light brown sand, mica	12	92
Medium reddish brown sand, mica and small amount of clay	12	104
Fine reddish brown sand, mica, lumps of sandy clay	7	111
Very fine light brown sand, mica, white clay	13	124
Brown sandy clay	26	150

Casing: 12 and 8 inches.

Screen: 21 feet of 8 inch with bottom at 109 feet.

Pumping test:

June 22, 1951. Duration: 2 hours
 Static water level: 41 feet
 Drawdown: 30 feet
 Yield: 410 gpm

N-3637. (B-5) Harold Fromkin, Merrall Drive and Broadway, Lawrence. Drilled by Mathies Well & Pump Co., Inc., November 8, 1950.

Log:	Thickness (feet)	Depth (feet)
Pit	6	6
Very fine sand	5	11
Coarse sand and gravel	22	33

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 33 feet.

Pumping test:

November 8, 1950. Duration: 2 hours
 Static water level: 9 feet
 Drawdown: 12 feet
 Yield: 64 gpm

N-3640. (B-6) H. C. Bohack Co., Inc., South Grove Street and Pine Street, Freeport.
 Drilled by Sweeney & Gray Co., Inc., November 15, 1950.

Log:	Thickness (feet)	Depth (feet)
Sand	31	31
Casing: 6 inches.		
Screen: 8 feet of 6 inch with bottom at 31 feet.		
Pumping test:		
November 15, 1950.	Duration:	4 hours
	Static water level:	10 feet
	Drawdown:	14 feet
	Yield:	69 gpm

N-3646. (C-6) Mid Island Center, Inc., Hempstead Turnpike and Front Street, West Hempstead. Drilled by Eastern Well & Pump Co., December 29, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Brown sand and grits	40	44
Gray clay	2	46
Casing: 6 inches.		
Screen: 5 feet of 6 inch with bottom at 44 feet.		
Pumping test:		
December 29, 1950.	Duration:	2 hours
	Static water level:	26 feet
	Drawdown:	2 feet
	Yield:	30 gpm

N-3649T. (C-6) Consolidated Lithographing Corporation, Guinea Woods Road, Carle Place.
 Drilled by C. W. Lauman & Co., Inc., November 17, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	6	6
Coarse brown sand, grits and gravel	58	64
Medium coarse brown sand and lumps of clay	20	84
Medium fine yellow sand and clay (very dirty)	11	95
Soft black clay and lignite	17	112
Medium fine brown sand	23	135
Multi-colored clay	6	141
Dark gray clay	19	160
Very fine gray sandy clay	13	173
Medium fine brown sand	21	194
Medium fine brown sand and streaks of clay	12	206
Solid gray clay layers of fine sandy clay	11	217
Fine gray sand and some clay	17	234
Solid gray clay	9	243
Fine brown sandy clay	28	271
Fine gray sand and some clay	9	280
Fine gray sandy clay	11	291
Fine gray sand and some clay	9	300
Multi-colored sandy clay	4	304
Static water level:		20 feet

Note: Test hole only.

N-3653. (B-5) A. Bring, Adam Road and Waverly Avenue, Hewlett Harbor. Drilled by C. W. Lauman & Co., Inc., March 22, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit	4	4
Fine sand	2	6
Medium fine sand, grits, gravel	36	42
Gray clay	5	47

Casing: 4 inches.

Screen: 10 feet of 4 inch with bottom at 42 feet.

Pumping test:

December 13, 1950.	Duration:	1 hour
	Static water level:	14 feet
	Yield:	66 gpm

N-3667. (D-6) H. C. Bohack Co., Inc., Guinea Woods Road and Powerhouse Road, Old Westbury. Drilled by C. W. Lauman & Co., Inc., June 11, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit	7	7
Fill	5	12
Coarse sand and gravel	22	34
Large stone and gravel	21	55
Coarse sand and gravel	35	90
Medium sand and gravel	16	106
Gravel and sharp sand	17	123

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 123 feet.

Pumping test:

May 31, 1951.	Duration:	1 hour
	Static water level:	90 feet
	Drawdown:	6 feet
	Yield:	69 gpm

N-3668. (C-6) Incorporated Village of Hempstead, Laurel Avenue and Maple Avenue, Hempstead. Drilled by Layne-New York Co., Inc., February 2, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	85	85
Clay and wood	47	132
Clay and streaks of sand	203	335
Sand	170	505

Casing: 28, 20 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 499 feet.

Pumping test:

February 2, 1953.	Duration:	8 hours
	Static water level:	19 feet
	Drawdown:	28 feet
	Yield:	1265 gpm

N-3669. (D-5) Bing Realty Corporation, Brompton Road and Clent Road, Great Neck.
 Drilled by E. K. Hutchinson & Son, April 10, 1950.

Log:	Thickness (feet)	Depth (feet)
Loam and stone	24	24
Clay and gravel	29	53
Various colored white clay mostly	12	65
Gravel	3	68
White clay	7	75
Fine sand and mud becoming coarser	52	127
Coarse sand, pieces of white clay	10	137
White clay		below 137

Casing: 10 inches.

Screen: 20 feet of 10 inch with bottom at 133 feet.

Pumping test:

April 9, 1951.	Duration:	8 hours
	Static water level:	71 feet
	Drawdown:	29 feet
	Yield:	170 gpm

N-3672. (C-5) Garden City Park Water District, Marcus Avenue and Denton Avenue,
 Garden City Park. Drilled by Layne-New York Co., Inc., July 13, 1951.

Log:	Thickness (feet)	Depth (feet)
Yellow sand and coarse gravel	77	77
Brown sand and gravel	43	120
Fine brown sand and clay streaks	35	155
White sandy clay	37	192
Fine sand and clay	93	285
Medium coarse sand	17	302
Blue clay	8	310
Coarse sand and clay	38	348
Sandy clay	6	354
Coarse sand and gravel, clay streaks	37	391
Tough clay	6	397
Coarse sand and gravel	7	404
White clay	1	405
Coarse sand and gravel, thin clay streaks	42	447
Tough black and red clay	34	481

Casing: 24, 18 and 10 inches.

Screen: 40 feet of 10 inch with bottom at 447 feet.

Pumping test:

April 6, 1951.	Duration:	8 hours
	Static water level:	41 feet
	Drawdown:	70 feet
	Yield:	1000 gpm

N-3674. (C-8) Food Fair Stores, Inc., Wantagh State Parkway and Hempstead Turnpike,
 Levittown. Drilled by C. W. Lauman & Co., Inc., May 29, 1951.

Log:	Thickness (feet)	Depth (feet)
Basement or pit	7	7
Coarse brown sand and gravel	27	34
Medium coarse sand and gravel	25	59

N-3674. (Continued)	Thickness (feet)	Depth (feet)
Coarse sand and gravel	3	62
Brown clay	3	65
Casing: 8 inches.		
Screen: 11 feet of 8 inch with bottom at 60 feet.		
Pumping test:		
May 28, 1951. Duration:		1 hour
Static water level:		25 feet
Drawdown:		3 feet
Yield:		69 gpm

N-3678. (D-7) William Willock, Jr., Jericho-East Norwich Road and Muttontown Road, Syosset. Drilled by Long Island Water Supply Co., January 16, 1951.

Log:	Thickness (feet)	Depth (feet)
Loam and hardpan	5	5
Hardpan	20	25
Coarse stones and gravel	65	90
Fine sand	40	130
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 130 feet.		
Pumping test:		
January 15, 1951. Duration:		4 hours
Static water level:		79 feet
Drawdown:		16 feet
Yield:		35 gpm

N-3680. (C-7) New York Water Service Corporation, Jerusalem Avenue and Oakfield Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., May 3, 1951.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Muck	3	6
Coarse brown sand, gravel	15	21
Coarse dark brown sand, grits, gravel	28	49
Fine brown sand, mica, few grits	4	53
Fine gray sand, mica and a small amount of gray clay	13	66
Medium brown sand, mica, brown clay	9	75
Very fine gray sand, mica, gray clay	16	91
Gray sandy clay	27	118
Medium brown sand, mica and a small amount of clay	30	148
Medium gray sand, mica, gray clay	4	152
Medium dark gray sand, mica, gray clay and pieces of decayed wood	4	156
Dark gray sticky clay	23	179
Medium fine dark gray sand, mica, some clay lignite	30	209
Medium gray sand, mica, lignite	9	218
Fine gray sand, mica, gray clay	7	225
Gray sandy clay	23	248
Medium gray sand, mica, small amount of gray clay	5	253
Gray sticky sandy clay	21	274
Very fine gray sand, mica, gray clay	8	282
Medium fine gray sand, mica	15	297

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N-3680. (Continued)	Thickness (feet)	Depth (feet)
Gray sandy clay	16	313
Medium fine gray sand, mica, lignite	11	324
Medium fine light gray sand, mica, some clay, iron pyrite	7	331
Gray sticky sandy clay	36	367
Very fine gray sand, mica, lignite	6	373
Casing: 12 inches.		
Screen: 58 feet of 12 inch with bottom at 328 feet.		
Pumping test:		
May 2, 1951. Duration:		8 hours
Static water level:		6 feet
Drawdown:		72 feet
Yield:		1350 gpm

N-3681. (C-5) Associated Food Stores, Merrick Road near Shaw Avenue, Valley Stream.
 Drilled by C. W. Lauman & Co., Inc., May 28, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit	6	6
Medium sharp sand and gravel	34	40
Casing: 4 inches.		
Screen: 6 feet of 4 inch with bottom at 40 feet.		
Pumping test:		
May 10, 1951. Duration:		1 hour
Static water level:		6 feet
Yield:		50 gpm

N-3682. (C-7) Bellmore Construction Corporation, New Theatre, Bedford Avenue and Wilson Avenue, Bellmore. Drilled by C. W. Lauman & Co., Inc., April 2, 1951.

Log:	Thickness (feet)	Depth (feet)
Basement	7	7
Coarse brown sand, grits, gravel	42	49
Very fine gray sand—dirty	3	52
Casing: 6 inches.		
Screen: 5 feet of 6 inch with bottom at 46 feet.		
Pumping test:		
January 26, 1951. Static water level:		8 feet
Drawdown:		7 feet
Yield:		140 gpm

N-3685. (C-6) New York Telephone Co., Fulton Avenue and Terrace Avenue, Hempstead.
 Drilled by C. W. Lauman & Co., Inc., April 2, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit	3	3
Sand and gravel fill	5	8
Medium to coarse sand and gravel	8	16
Coarse sand and gravel	40	56

N-3685. (Continued)	Thickness (feet)	Depth (feet)
Medium to fine yellow sand, some clay	39	95
Gray muddy silt	35	150

Casing: 8 inches.

Screen: 16 feet of 8 inch with bottom at 56 feet.

Pumping test:

April 2, 1951.	Duration:	5 hours
	Static water level:	18 feet
	Drawdown:	8 feet
	Yield:	300 gpm

N-3687. (B-6) City of Long Beach, Long Beach. Drilled by Layne-New York Co., Inc.,
July 5, 1951.

Log:	Thickness (feet)	Depth (feet)
Sand	117	117
Soft clay	21	138
Sand	34	172
Sandy clay	10	182
Gray sand	45	227
Sand, clay and wood	23	240
Tough clay	10	250
Clay, sand and wood	59	309
Clay	7	316
Clay, sand and wood	22	338
Sand, wood and hard streaks	82	420
Hard clay	6	426
Sand, clay and hard streaks	30	456
Sandy clay	20	476
Clay and hard streaks	16	492
Sand, clay and gravel	66	558
Clay, sand and hard streaks	25	583
Sand and gravel	23	606
Clay, sand and hard streaks	18	624
Sand and gravel	23	647
Sand, gravel and streaks of clay	59	706
Clay and hard streaks of clay	72	778
Hard clay	12	790
Sand, gravel and hard streaks	10	800
Clay, sand and hard streaks	23	823
Hard streaks and clay	159	982
Sand and hard streaks of clay	46	1028
Clay, sand and gravel	81	1109
Sand and gravel	43	1152
Clay and hard streaks	25	1177
Sand and gravel	71	1248
Sand, gravel and clay	18	1266

Casing: 18, 12 and 8 inches.

Screen: 50 feet of 8 inch with bottom at 1245 feet.

Pumping test:

July 5, 1951.	Duration:	8 hours
	Static water level:	8 feet
	Drawdown:	70 feet
	Yield:	1210 gpm

N-3690. (B-5) Louis L. Sternberg, Woodside Drive and Lefferts Road, Hewlett Bay Park.
 Drilled by Eastern Well & Pump Co., October 25, 1951.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill	4	4
Fine brown sand, grits and gravel	18	22
Gray clay	28	50
Fine to coarse brown sand, grits and gravel	10	60
Casing: 6 inches.		
Screen: 11 feet of 4 inch with bottom at 60 feet.		
Pumping test:		
October 25, 1951. Duration:		3 hours
Static water level:		8 feet
Yield:		65 gpm

N-3704. (C-6) West Hempstead-Hempstead Gardens Water District, Birch Street and Long
 Island Railroad, Hempstead Gardens. Drilled by C. W. Lauman & Co., Inc., June 4, 1951.

Log:	Thickness (feet)	Depth (feet)
Loam	3	3
Stratas of tan and brown, sand and gravel	14	17
Brown sand, grits and gravel	25	42
Light tan sand and gravel, more sand	18	60
Brown fine and coarse sand and gravel	13	73
Brown sand, grits and gravel, more gravel	9	82
Blue gray solid clay	9	91
Brown sand, gravel, large gravel	4	95
Grayish tan sand and gravel	21	116
Tan sand and gravel, more sand than above	9	125
Light gray sand and gravel	5	130
Tan sand and gravel, more gravel than above	18	148
White sand and gravel, more sand than above	12	160
Casing: 20 and 16 inches.		
Screen: 53 feet of 12 inch with bottom at 159 feet.		
Pumping test:		
June 4, 1951. Duration:		8 hours
Static water level:		25 feet
Drawdown:		25 feet
Yield:		2000 gpm

N-3720. (C-7) Jamaica Water Supply Co., Swale Road, Franklin Square. Drilled by
 Layne-New York Co., Inc., December 12, 1951.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	28	28
Sandy clay	12	40
Clay and streaks of sand	58	98
Sand, clay and wood	66	164
Clay and streaks of sand	23	187
Sandy clay	41	228
Tough clay and streaks of sand	39	267
Sand and gravel	28	295
Clay, sand and gravel	10	305

N-3720. (Continued)

	Thickness (feet)	Depth (feet)
Tough clay	15	320
Clay, sand and gravel	17	337
Sand, gravel and clay streaks	24	361
Clay	8	369
Sand, clay and wood	16	385
Tough clay	17	408
Hard packed muddy sand	19	427
Tough clay	3	430
Sand and gravel	23	453
Clay and hard streaks	16	469
Sand, fine gravel and some clay	51	520
Tough clay	22	542
Clay and gravel	22	564
Tough clay and hard streaks	21	585

Casing: 24, 18 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 516 feet.

Pumping test:

December 12, 1951. Duration: 8 hours
 Static water level: 8 feet
 Drawdown: 53 feet
 Yield:1400 gpm

N-3733. (D-6) Albertson Water District, Albertson. Drilled by Layne-New York Co., Inc.,
 August 28, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	26	26
Hard pan	14	40
Sand and gravel	20	60
Brown sand	49	109
Brown white clay, sand	31	140
White sand	19	159
White clay	11	170
Sand	38	208
Clay	13	221
Muddy sand	37	258
Clay	7	265
Muddy sand	45	310
Coarse sand	40	350
Clay	3	353
Sand, clay	32	385
Clay	18	403
Red sand, gravel	21	424
Clay	2	426
Sand, gravel	28	454
Clay	6	460

Casing: 24, 18 and 10 inches.

Screen: 40 feet of 10 inch with bottom at 450 feet.

Pumping test:

August 28, 1952. Duration: 8 hours
 Static water level: 69 feet
 Drawdown: 25 feet
 Yield:1030 gpm

N-3734. (B-5) Peninsula Laundry, north of John Street and west of Wahl Avenue, Inwood. Drilled by C. W. Lauman & Co., Inc., September 10, 1951.

Log:	Thickness (feet)	Depth (feet)
Vault	2	2
Fine brown beach sand	7	9
Fine brown sand and grits	7	16
Gray sandy clay	7	23
Fine gray sand and gravel	3	26
Gray clay and clam shells	25	51
Fine white beach sand, few stones	16	67
Fine brown sand	12	79
Gray and brown clay mixed	1½	79½
Fine dark brown sand and grits	6½	86
Fine dark brown sand	9	95
Fine brown sand	5	100
Fine sand, few gravel	3	103
Very fine brown sand	6	109
Fine sand	5	114
Medium fine sand and grits	10	124
Medium sand, grits, hardpan, gravel	14	138
Gray sandy clay and wood		below 138

Casing: 6 inches.

Screen: 20 feet of 6 inch with bottom at 138 feet.

Pumping test:

August 30, 1951.	Duration:	2	hours
	Static water level:	4½	feet
	Drawdown:	63	feet
	Yield:	165	gpm

N-3736. (C-5) King Kullen Grocery Co., Inc., north of Hillside Avenue and west of Lakeville Road, New Hyde Park, September 7, 1951.

Log:	Thickness (feet)	Depth (feet)
Vault	9	9
Fill	3	12
Coarse sand and gravel	23	35
Fine sand, coarse gravel and grits	15	50
Medium sand and grits	30	80

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 80 feet.

Pumping test:

June 12, 1951.	Duration:	2	hours
	Static water level:	57	feet
	Drawdown:	6	feet
	Yield:	65	gpm

N-3740. (D-5) Arnold Prayer, 13 Hickory Drive, Great Neck. Drilled by E. K. Hutchinson & Son, August 20, 1951.

Log:	Thickness (feet)	Depth (feet)
Loam, clay, coarse stones	60	60
Sand and gravel	12	72

N-3740. (Continued)

Casing: 8 inches.

Screen: 10 feet of 8 inch with bottom at 72 feet.

Pumping test:

July 2, 1951. Duration: 6 hours
 Static water level: 50 feet
 Drawdown: 4 feet
 Yield: 50 gpm

N-3741. (B-5) Lynbrook Estates Inc., "Medical Center", Union and Atlantic Avenues, Lynbrook. Drilled by C. W. Lauman & Co., Inc., June 17, 1951.

Fill	9	9
Sand and gravel	5	14
Fine sand and some grits	17	31
Gray clay	11	42
Fine sand and clay	10	52
Gray clay	27	79
Sandy light brown clay	6	85
Fine white beach sand	26	111
Dark gray sandy clay	11	122

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 110 feet.

Pumping test:

June 15, 1951. Duration: 6 hours
 Static water level: 14 feet
 Drawdown: 8 feet
 Yield: 69 gpm

N-3742. (D-5) North Hempstead Country Club, Port Washington. Drilled by Layne-New York Co., Inc., February 1, 1952.

Log:	Thickness (feet)	Depth (feet)
Hardpan	12	12
Gravel	10	22
Sand, gravel and boulders	137	159
Clay	4	163
Sand, gravel and boulders	22	185
Hard streaks and boulders	35	210
Brown sand and gravel	55	265
Yellow clay		below 265

Casing: 12 and 8 inches.

Screen: 30 feet of 8 inch with bottom at 260 feet.

Pumping test:

June 20, 1951. Duration: 8 hours
 Static water level: 101 feet
 Drawdown: 13 feet
 Yield: 300 gpm

N-3744. (E-7) Dr. E. C. Jessup, north of Seawanhaka Road and east of Centre Island Road, Centre Island. Drilled by C. W. Lauman & Co., Inc., June 19, 1951.

Log:	Thickness (feet)	Depth (feet)
Brown clay, heavy sand	35	25
Gray clay	73	108

(Continued on next page)

N-3744. (Continued)

	Thickness (feet)	Depth (feet)
Gray clay and stones	15	123
Gray clay and fine sand	15	138
Coarse sand and gravel	10	148
Green clay	19	167
Green clay and clam shells	19	186
Coarse sand and sand, stones	3	189

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 189 feet.

Pumping test:

June 19, 1951.	Duration:	1 hour
	Static water level:	18 feet
	Yield:	6 gpm

N-3745. (C-6) Incorporated Village of Rockville Centre, Rockville Centre. Drilled by Layne-New York Co., Inc., June 2, 1952.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	27	27
Fine sand and gravel	29	56
Sand, gravel and soft clay	38	94
Sand, clay, gravel and wood	46	140
Sand, clay and wood	67	207
Clay, sand and gravel	68	275
Sand, gravel and clay streaks	67	342
Sand, wood and clay streaks	44	386
Hard packed sand and gravel	31	417
Clay	5	422
Sand, gravel and clay streaks	23	445
Clay and hard streaks	9	454
Hard packed sand and clay streaks	30	484
Sand and gravel	15	499
Clay and hard streaks of sand	36	535
Sand and gravel	65	600
Clay	8	608

Casing: 24, 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 592 feet.

Pumping test:

July 24, 1951.	Duration:	8 hours
	Static water level:	20 feet
	Drawdown:	47 feet
	Yield:	1344 gpm

N-3747. (C-6) Garden City Co. (Martins' store), north of Ninth Street and west of Franklin Avenue, Garden City. Drilled by Eastern Well & Pump Co., October 11, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit or cellar	11	11
Sand and gravel	30	41
Medium coarse brown sand	18	59

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 59 feet.

Static water level:	33 feet
Yield:	110 gpm

N-3750T. (D-8) East Coast Lumber Co., north of Old Motor Parkway and west of Nassau-Suffolk City Line, Farmingdale. Drilled by C. W. Lauman & Co., Inc., May 15, 1951.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Coarse reddish brown sand and gravel	8	10
Solid brown clay	24	34
Brown clayey sand and some gravel	6	40
Coarse brown sand and gravel	12	52
Very fine brown sand and mica	4	56

Casing: 12 inches.

Note: This was a formation test hole.

N-3752. (D-6) Helena Rubinstein, Inc., south of North Hempstead Turnpike and west of Guinea Woods Road, East Hills. Drilled by C. W. Lauman & Co., Inc., October 11, 1951.

Log:	Thickness (feet)	Depth (feet)
Vault	6	6
Sandy clay and gravel	2	8
Coarse sand, grits and heavy gravel	32	40
Coarse gravel and grits	20	60
Medium gravel and grits	35	95
Coarse brown sand and grits	42	137
Medium brown sand	7	144
Brown clay	6	150
Sandy clay	8	158
Coarse gravel with clay	3	161
Coarse sand and gravel	7	168
Sandy clay	37	205
Coarse sand, gravel and grits	4	209
Solid clay	1	210
Fine white sand with clay	6	216
Fine brown sand with hardpan	3	219
White clay	4	223
Sandy clay	1	224
Sandy clay with streaks of clay	2	226
Fine brown sand	6	232
White clay	6	238
Sandy white clay with streaks of red hardpan	2	240
Medium brown sand	1	241
Light brown sandy clay with streaks of solid clay and hardpan	5	246
Fine white sand with clay	2	248
Fine brown sand with clay	4	252
Medium brown sand	6	258
Medium brown sand and grits	2	260
White clay	1	261
Sandy clay	5	266

Casing: 8 inches.

Screen: 21 feet of 8 inch with bottom at 258 feet.

Pumping test:

August 11, 1951.	Duration:	4 hours
	Static water level:	151 feet
	Drawdown:	61 feet
	Yield:	154 gpm

N-3756. (C-5) Food Fair Stores, Inc., north of Hillside Avenue and west of New Hyde Park Road, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., September 14, 1951.

Log:	Thickness (feet)	Depth (feet)
Cellar	9	9
Coarse dark brown sand and gravel	25	34
Coarse brown sand, large amount of gravel	11	45
Coarse brown sand and gravel	10	55
Coarse sand, large amount of gravel	12	67
Medium coarse sand and grits	33	100
Gray clay	2	102

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 100 feet.

Pumping test:

August 8, 1951.	Duration:	2 hours
	Static water level:	62 feet
	Drawdown:	16 feet
	Yield:	185 gpm

N-3758. (C-6) Laboratory Furniture Co., Inc., north of Old Country Road and east of Motor Parkway, Carle Place. Drilled by C. W. Lauman & Co., Inc., October 4, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit	9	9
Coarse sand and large gravel	46	55
Coarse sand and gravel	9	64
Clean medium sand	13	77
Fine brown sand	5	82
Medium fine sand	3	85
Coarse sand and gravel	6	91
Very fine gray sand	1	92
Fine sand and gray clay	8	100

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 91 feet.

Pumping test:

October 1, 1951.	Duration:	2 hours
	Static water level:	39 feet
	Drawdown:	21 feet
	Yield:	240 gpm

N-3760. (B-6) John Geralamo, Saratoga and Austin Boulevards, Island Park. Drilled by Fred Habenicht & Sons, 1951.

Log:	Thickness (feet)	Depth (feet)
Bog	3	3
White sand and clay	205	208
Dirty white sand	61	269

Casing: 4 inches.

Static water level: 3 feet

Note: Well abandoned. Water unfit for domestic use.

N-3775. (B-5) Central Avenue Corporation, Central Avenue and Prospect Avenue, Cedarhurst. Drilled by Eastern Well & Pump Co., September 24, 1951.

Log:	Thickness (feet)	Depth (feet)
Cellar	7	7
Sand and gravel	16	23
Fine white sand	8	31
Medium to fine brown sand, few gravel	13	44
Dirty black sand		below 44
Casing: 6 inches.		
Screen: 5 feet of 6 inch with bottom at 44 feet.		
Pumping test:		
July 23, 1951. Duration:		2 hours
Static water level:		17 feet
Drawdown:		14 feet
Yield:		49 gpm

N-3780. (C-8) New York Water Service Corporation, north of Hunt Road and west of Seaman Neck Road, North Wantagh. Drilled by C. W. Lauman & Co., Inc., November 26, 1951.

Log:	Thickness (feet)	Depth (feet)
Loam and rocks	2	2
Coarse sand and gravel	56	58
Medium coarse sand and small gravel	11	69
Medium fine sand, small amount of grits	9	78
Coarse gravel and small amount of sand	2	80
Dark medium coarse sand and grits	8	88
Light brown coarse sand	3	91
Coarse brown sand and large amount of grits	10	101
Medium brown coarse sand and grits	6	107
Medium gray coarse sand and grits	3	110
Medium coarse brown sand and grits	3	113
Light brown sand and grits	3	116
Light gray coarse sand and grits	5	121
Medium fine gray sand, some grits	6	127
Medium fine brown sand	10	137
Fine gray sandy clay	11	148
Medium coarse brown sand	5	153
Fine gray sandy clay	22	175
Fine gray sand and some clay	13	188
Fine gray sandy clay	26	214
Fine gray sand	4	218
Solid gray clay	6	224
Fine brown sand	9	233
Layers of fine gray sand and sandy clay	58	291
Solid gray clay and lignite	5	296
Fine gray sand and some clay	49	345
Solid dark gray clay	8	353
Fine gray sand and some clay	5	358
Fine gray sandy clay and lignite	5	363
Solid dark gray clay	6	369
Medium fine gray sand and lignite	25	394
Fine gray sandy clay and lignite	18	412
Dark gray solid clay	26	448
Fine gray sandy clay, layers of solid clay and lignite	54	502

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N-3780. (Continued)

Casing: 16 inches.

Screen: 52 feet of 16 inch with bottom at 141 feet.

Pumping test:

November 14, 1951. Duration: 7 hours
 Static water level: 16 feet
 Drawdown: 32 feet
 Yield:1800 gpm

N-3781. (C-5) Long Island Water Corporation, Hendrickson Avenue, Valley Stream.
 Drilled by Layne-New York Co., Inc., July 17, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	35	35
Soft sand and clay	10	45
Sand, streaks clay	15	60
Sand and some clay	45	105
Sand, clay and wood	15	120
Sandy clay	22	142
Clay, gravel and sand	42	184
Sand and gravel	25	209
Sandy clay	81	290
Medium fine sand	32	322
Clay and sand	13	335
Sand	11	346
Tough clay	16	362
Gray sand, medium to coarse	41	403
Tough clay	6	409
Gray medium to coarse sand	41	450
Tough clay	7	457
Sandy clay	20	477
Hard clay	18	495
Coarse gray sand and chalk streaks and clay	44	539
Clay	41	580

Casing: 24, 16 and 10 inches.

Screen: 60 feet of 10 inch with bottom at 430 feet.

Pumping test:

December 4, 1951. Duration: 8 hours
 Static water level: ground level
 Drawdown: 71 feet
 Yield:1600 gpm

N-3796. (D-7) George E. Murnane, Brookville Road and Muttontown Road, Muttontown.
 Drilled by C. W. Lauman & Co., Inc., December 4, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Gray sandy clay, gravel	4	6
Coarse sand, heavy gravel	20	26
Heavy gravel, boulders, hardpan	21	47
Coarse sand and gravel	26	73
Fine to medium to coarse sand, gravel, grits	42	115
Fine brown sand, grits	9	124
Fine brown silt	6	130

N-3796. (Continued)	Thickness (feet)	Depth (feet)
Brown sandy clay	9	139
Brown sandy clay, grits	2	141
Hard gray clay	22	163
Medium coarse sand, grits, gravel	11	174

Casing: 8 inches.

Screen: 11 feet of 6 inch with bottom at 173 feet.

Pumping test:

November 14, 1952. Duration: 4 hours
 Static water level: 126 feet
 Drawdown: 12 feet
 Yield: 68 gpm

N-3799. (C-8) Food Fair Stores, Inc., north of Hempstead Turnpike and east of Hicks-ville Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., September 24, 1950.

Log:	Thickness (feet)	Depth (feet)
Cellar and pit	11	11
Large gravel and coarse sand	19	30
Medium coarse sand and grits	10	40
Medium fine sand and some grits	2	42
Sharp medium coarse sand	8	50
Coarse sand and some hardpan	3	53
Coarse brown sand	5	58
Medium fine reddish sand	1	59
Medium coarse brown sand	6	75

Casing: 8 inch.

Screen: 12 feet of 8 inch, with bottom at 72 feet.

Pumping test:

September 20, 1951. Duration: 8 hours
 Static water level: 28 feet
 Drawdown: 14 feet
 Yield: 150 gpm

N-3800. (C-5) Food Fair Stores, Inc., north of Seabury Avenue and west of Dogwood Avenue, Franklin Square. Drilled by C. W. Lauman & Co., September 25, 1951.

Log:	Thickness (feet)	Depth (feet)
Basement	9	9
Medium coarse sand	45	54
White beach sand	2	56
White beach sand and white clay mix	3	59

Casing: 8 inches.

Screen: 11 feet of 6 inch with bottom at 56 feet.

Pumping test:

September 21, 1951. Duration: 4 hours
 Static water level: 16 feet
 Drawdown: 16 feet
 Yield: 160 gpm

N-3801. (D-5) Food Fair Stores, Inc., north of Cedar Drive and west of Middle Neck Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., September 21, 1951.

Log:	Thickness (feet)	Depth (feet)
Basement	9	9
Coarse sand and gravel	20	29
Yellow sandy clay	16	45
Gray clay	35	80
Yellow sandy clay	74	154
Yellow clay	13	167
Coarse sand, heavy gravel	18	185

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 185 feet.

Pumping test:

September 21, 1951.	Duration:	4 hours
	Static water level:	60 feet
	Drawdown:	56 feet
	Yield:	175 gpm

N-3802. (C-7) Department of Public Works, Nassau County Jail Farm, north of Long Island Railroad Central Extension and east of Carman Avenue, East Meadow. Drilled by Eastern Well & Pump Co., October 31, 1951.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	50	50
Reddish brown sand, lumps red clay	11	61
Medium to fine brown sand	10	71
Medium to coarse brown sand, rice gravel	6	77
Medium to fine white sand	12	89
Medium brown sand	25	114
Solid clay		below 114

Casing: 8 inches.

Screen: 25 feet of 6 inch with bottom at 112 feet.

Pumping test:

October 6, 1951.	Duration:	8 hours
	Static water level:	86 feet
	Drawdown:	18 feet
	Yield:	200 gpm

N-3812T. (B-5) Sutton-In-Lawrence, Meadow Road and Doughty Boulevard, Lawrence. Drilled by C. W. Lauman & Co., Inc., September 29, 1951.

Log:	Thickness (feet)	Depth (feet)
Fine sand, heavy gravel	2	2
Blue, gray, brown clay, clam shells	1	3
Sand, fine, blue and gray	1	4
Clay and sand, fine	8	12
Gray, sticky clay	4	16
Fine sand, grits and coarse gravel	3	19
Fine to coarse sand, grits, medium gravel	3	22
Fine to coarse brown sand	4	26
Fine to coarse brown sand, grits, gravel	5	31
Fine gray sand and gray clay	8	39
Fine gray sand, gravel and clay	2	41

N-3812T. (Continued)

Casing: 4 inches.

Static water level: 3 feet

Note: This was a formation test hole.

N-3820. (C-5) Franklin Square Department Store, north of Hempstead Turnpike and west of New Hyde Park Road, Franklin Square. Drilled by C. W. Lauman & Co., Inc., November 23, 1951.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Coarse brown sand and gravel	21	24
Dirty brown sand and grits.....	7	31
Coarse brown clean sand and grits	7	38
Coarse brown sand and gravel	11	49
Dark brown sand and gravel	2	51

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 51 feet.

Pumping test:

October 5, 1951.	Duration:	1 hour
	Static water level:	25 feet
	Drawdown:	4 feet
	Yield:	45 gpm

N-3824. (B-8) H. C. Bohack Co., south of Merrick Road and east of Seaman Neck Road, Seaford. Drilled by Sweeney & Gray Co., Inc., October 8, 1951.

Log:	Thickness (feet)	Depth (feet)
Cellar	10	10
Sand	30	40

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 40 feet.

Pumping test:

March 6, 1952.	Duration:	4 hours
	Static water level:	22 feet
	Drawdown:	3 feet
	Yield:	69 gpm

N-3826. (B-5) M. Kahn, Ocean Avenue and Tanglewood Crossing, Cedarhurst. Drilled by C. W. Lauman & Co., Inc., July 8, 1952.

Log:	Thickness (feet)	Depth (feet)
Medium coarse brown sand and gravel	13	13
Very fine brown sand	14	27
Coarse brown sand and grits	6	33
Coarse brown sand and gravel	8	41

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 41 feet.

Pumping test:

October 31, 1951.	Duration:	9 hours
	Static water level:	13 feet
	Drawdown:	7 feet
	Yield:	66 gpm

N-3827. (D-5) George M. Butz, Shelter Rock Road and Northern State Parkway, North Hills. Drilled by C. W. Lauman & Co., Inc., December 24, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit	5	5
Sand, gravel, clay and boulders	65	70
Gray sand, gravel and clay	7	77
Brown sand and gravel less clay	26	103
Fine brown sand and clay	14	117
Fine brown sand, some clay	5	122
Fine reddish brown clayey sand	12	134
Fine white clayey sand	10	144
Tan fine clayey sand	10	154
Brown fine clayey sand	10	164
Casing: 4 inches.		
Screen: 7 feet of 4 inch with bottom at 164 feet.		
Pumping test:		
December 17, 1951. Duration:		2 hours
Static water level:		97 feet
Yield:		12 gpm

N-3830. (D-7) Mrs. Michael Gavin, south of Tappentown Road and west of Cedar Swamp Road, Jericho. Drilled by C. W. Lauman & Co., Inc., May 6, 1952.

Log:	Thickness (feet)	Depth (feet)
Loam	3	3
Coarse brown sand, gravel, large stones and some clay	55	58
Coarse brown sand, mica, some clay	6	64
Brown sandy clay, gravel, mica	31	95
Medium coarse brown sand, mica	7	112
Fine brown sand, mica, some brown clay	14	126
Medium coarse brown sand	9	135
Fine brown sand, clay, mica	17	152
Coarse brown sand, few grits	38	190
Casing: 8 inches.		
Screen: 11 feet of 6 inch with bottom at 190 feet.		
Pumping test:		
May 6, 1952. Duration:		1 hour
Static water level:		154 feet
Drawdown:		6 feet
Yield:		50 gpm

N-3831. (B-6) Sun Oil Co., south of Maple Court and west of Hampton Road, Oceanside. Drilled by C. W. Lauman & Co., Inc., November 9, 1951.

Log:	Thickness (feet)	Depth (feet)
Mud, dark, sandy	18	18
Sand and grits	22	40
Fine sand	16	56
Yellow sandy clay	21	77
Medium sand	11	88
Casing: 4 inches.		
Screen: 7 feet of 4 inch with bottom at 88 feet.		

N-3831. (Continued)

Pumping test:
 November 7, 1951. Duration: 1 hour
 Static water level: 3 feet
 Drawdown: 2½ feet
 Yield: 26 gpm

N-3832. (C-6) Long Island Water Corporation, east of Pennsylvania Avenue and north of Whitehouse Avenue, Roosevelt. Drilled by C. W. Lauman & Co., Inc., December 4, 1951.

Log:	Thickness (feet)	Depth (feet)
Fill	10	10
Coarse sand and gravel	8	18
Medium fine sand and gravel	12	30
Medium fine brown sand	4	34
Medium coarse brown sand and gravel	4	38
Brown sand and mica	2	40
Coarse sand and gravel	2	42
Sand and gravel, layers clay	3	45
Medium coarse brown sand	10	55
Coarse brown sand and gravel	3	58
Dark gray sandy clay, some gravel, lignite	4	62
Gray coarse sand and gravel, layers clay	5	67
Brown sand and gravel, lumps gray clay	2	69
Coarse brown sand and gravel	5	74
Medium coarse brown sand	3	77
Medium fine brown sand, pieces of gray clay	13	90
Fine brown sand, pyrite, lignite and hardpan	1	91
Medium fine brown sand	4	95
Gray sandy clay	14	109

Casing: 12 inches.

Screen: 31½ feet of 12 inch with bottom at 95 feet.

Pumping test:
 November 26, 1951. Duration: 8 hours
 Static water level: 16¾ feet
 Drawdown: 53 feet
 Yield: 780 gpm

N-3833. (C-5) Bildner-Big Ben Corporation, north of Midway Court and east of Franklin Avenue, Valley Stream. Drilled by Eastern Well and Pump Co., November 11, 1951.

Log:	Thickness (feet)	Depth (feet)
Cellar	8	8
Coarse brown sand	28	36

Casing: 6 inch.

Screen: 5 feet of 4 inch, with bottom at 36 feet.

Pumping test:
 November 11, 1951. Duration: 3 hours
 Static water level: 11 feet
 Drawdown: 5 feet
 Yield: 60 gpm

N-3838. (D-7) Fairchild Camera & Instrument Corporation, Robbins Lane, Jericho. Drilled by Layne-New York Co., Inc., December 3, 1951.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	78	78
Brown clay	8	86
Sand and gravel	9	95
Clay	2	97
Sand	4	111
Clay	6	117
Sand and clay	12	129
Sandy clay	20	149
Sand	19	168

Casing: 8 inches.

Screen: 10 feet of 8 inch with bottom at 163 feet.

Pumping test:

December 3, 1951.	Duration:	8 hours
	Static water level:	105 feet
	Drawdown:	17 feet
	Yield:	69 gpm

N-3839. (B-6) Sinclair Oil Company, south of Maple Court and east of Hampton Road, Oceanside. Drilled by Mathies Well & Pump Co., Inc., December 6, 1951.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Coarse sand and gravel	3	5
Bog	3	8
Medium sand and gray clay	12	20
Coarse sand and gravel	40	60
Coarse sand, grits and yellow clay	19	79
Medium sand	6	85
Coarse sand and gravel	5	90

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 88 feet.

Pumping test:

December 6, 1951.	Duration:	2 hours
	Static water level:	3 feet
	Drawdown:	1½ feet
	Yield:	15 gpm

N-3842. (C-7) George Wicks, north of Southern State Parkway and west of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., January 17, 1952.

Log:	Thickness (feet)	Depth (feet)
Loam	2	2
Coarse brown sand and gravel	13	15
Coarse brown sand, much gravel	24	39

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 39 feet.

Pumping test:

January 17, 1952.	Duration:	1 hour
	Yield:	31 gpm

N-3853. (C-6) Milton Abeles, Inc., south of Second Street and east of Roslyn Road, Mincola. Drilled by Eastern Well & Pump Co., February 11, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Coarse sand and light gravel	15	19
Coarse sand and heavy gravel	40	59

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 58 feet.

Pumping test:

February 11, 1952.	Duration:	2 hours
	Static water level:	38 feet
	Yield:	50 gpm

N-3855. (B-5) Demco, Inc., south of Sunrise Highway and east of Hook Creek Boulevard, Valley Stream. Drilled by Mathies Well & Pump Co., Inc., February 6, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Coarse brown sand and grits	4	7
Fine brown sand, few grits	33	40
Coarse gray sand and gravel	2	42
Greenish clay		below 42

Casing: 10 inches.

Screen: 20 feet of 8 inch with bottom at 42 feet.

Pumping test:

February 6, 1952.	Duration:	3 hours
	Static water level:	31½ feet
	Drawdown:	14½ feet
	Yield:	250 gpm

N-3859. (C-7) Servomechanisms, Inc., south of Stewart Avenue and west of Post Avenue, Westbury. Drilled by Watson & Hazel, July 8, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	32	32
Fine sand	33	65
Fine sand and gray clay	5	70
Brown sand and clay	80	150
Gray sand and clay	11	161
Brown sand	6	167
Medium, brown sand	5	172
Light gray silt	8	180
Black clay	4	184
Fine brown sand and clay	28	212
Fine gray sand	12	223
Brown medium sand	57	280

Casing: 8 inches.

Screen: 20 feet of 7½ inch with bottom at 279 feet.

Pumping test:

July 8, 1952.	Duration:	8 hours
	Static water level:	3 feet
	Drawdown:	77 feet
	Yield:	200 gpm

N-3860. (D-7) Fairchild Camera & Instrument Corporation, south of Robbins Lane and east of Jericho Turnpike, Jericho. Drilled by Layne-New York Co., Inc.

Log:	Thickness (feet)	Depth (feet)
Gravel and boulders	30	30
Heavy gravel	30	60
Sand, gravel and clay	60	120
Clay, sand and gravel	65	185
Sand, gravel and clay	27	212
Clay	10	222
Hard packed sand	32	254
Gravel and clay	13	267
Clay and sand	25	292
Fine gray sand	40	332
Tough clay	4	336
Sand and some clay	30	366
Clean sand	22	388
Sand and gravel	68	450
Clay and gravel	22	472

Casing: 16 inches.

Screen: 40 feet of 10 inch with bottom at 440 feet.

Pumping test:

March 23, 1952.	Duration:	8 hours
	Static water level:	110 feet
	Drawdown:	26 feet
	Yield:	1140 gpm

N-3861. (B-5) United State Geological Survey—Well No. 1, north of Peninsula Boulevard and west of Arlington Avenue, Cedarhurst. Drilled by C. W. Lauman & Co., Inc., April 1, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Coarse brown sand, grit and gravel	3	4
Swamp mud	2	6
Fine brown sand and mica	8	14
Coarse brown sand, grit and gravel	20	34
Layers of solid gray clay and fine gray sandy clay	8	42
Medium fine brown sand	24	66
Solid gray and brown clay	6	72
Medium coarse brown sand and grit	5	77
Layers of fine brown sand and sandy clay	15	92
Layers of solid gray clay and sandy clay	7	99
Fine green sandy clay	8	107
Layers of fine black sandy clay and solid clay	17	124
Solid gray clay	14	138
Coarse gray sand, grit and gravel	107	245
Medium coarse brown sand and some lignite	153	398
Medium coarse brown sand, layers of solid and sandy clay	22	420
Medium coarse gray sand, grit and some gravel	28	448
Fine gray sandy clay	6	454
Medium coarse gray sand, grit and some clay	21	475
Fine gray sandy clay	22	497
Medium coarse gray sand and some grit	42	539
Layers of coarse light gray sand, some gravel, sandy clay and solid clay	30	569
Solid white clay	14	583

N-3861. (Continued)	Thickness (feet)	Depth (feet)
Fine white sandy clay and layers of white sand	26	609
Hard multi-color solid clay and some lignite	12	621
Casing: 6 inches.		
Screen: 11 feet of 4 inch with botttom at 533 feet.		
Pumping test:		
April 1, 1952. Duration:	2	hours
Static water level:	15¾	feet
Drawdown:	11	feet
Yield:	100	gpm

N-3862. (B-5) United States Geological Survey—Well No. 2, north of Doughty Boulevard and east of W. Meadow Causeway, Lawrence. Drilled by C. W. Lauman & Co., Inc., April 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Fine gray sandy clay	6	7
Solid gray clay	11	18
Coarse brown sand, grit and gravel	7	25
Fine brown sand	18	43
Medium fine gray sand and layers of clay	23	66
Fine brown sand	16	82
Medium coarse brown sand and some grit	10	92
Medium coarse dark gray sand	27	119
Solid gray clay	11	130
Fine gray sand, layers of sandy and solid clay	23	153
Coarse gray sand, grit, gravel and layers of sandy clay	8	161
Medium fine gray sand and layers of sandy clay	30	191
Gray sandy clay, layers of solid clay and pyrite	18	209
Medium fine gray sand	15	224
Hard solid gray clay and layers of lignite	35	259
Fine gray sand	9	268
Fine gray sandy clay	21	289
Medium fine dark gray sand	17	306
Fine gray sand, some clay, mica and lignite	26	332
Fine gray sandy clay	68	400
Fine gray sand and some clay	14	414
Fine gray sandy clay, some mica	21	435
Medium fine gray sand	9	444
Fine gray sandy clay, layers of lignite and solid clay	21	465
Solid gray clay	17	482
Medium gray sand, some clay	6	488
Solid gray clay	4	492
Gray sandy clay, lignite, streaks of solid clay	15	507
Medium gray sand, mica	11	518
Gray sandy clay, mica	23	541
Solid gray clay, lignite	7	548
Solid gray clay, layers of sandy clay	14	562
Medium fine gray sand	6	568
Solid gray clay	41	609
Solid white clay	10	619
Fine white sandy clay	34	653
Solid black clay and pyrite	40	693
Fine gray sandy clay, mica and lignite	15	708
Medium coarse gray sand and some clay	8	716

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N-3862. (Continued)

	Thickness (feet)	Depth (feet)
Gray sandy clay, mica	6	722
Solid gray clay, streaks of sandy clay	6	728
Solid dark gray clay	8	736
Fine gray sandy clay and mica	23	759
Gray silty clay	5	764
Solid black clay, streaks of sandy clay	4	768
Solid hard black clay	26	794

Casing: 6 inch.

Screen: 10¾ feet of 4 inch with bottom at 307 feet.

Pumping test:

April 21, 1952.	Duration:	6	hours
	Static water level:	4	feet
	Drawdown:	19½	feet
	Yield:	100	gpm

N-3864. (B-5) United States Geological Survey—Well No. 4, north of Peninsula Boulevard and west of Mill Road, South Valley Stream. Drilled by C. W. Lauman & Co., Inc., May 5, 1952.

Log:	Thickness (feet)	Depth (feet)
Muck and clay	2	2
Coarse brown sand and grit	22	24
Solid gray clay	18	42
Coarse brown sand, grit and gravel	6	48
Fine gray sandy clay	5	53
Medium coarse brown sand, grit and gravel	16	69
Solid gray clay	39	108
Fine gray sandy clay	10	118
Solid gray clay	20	138
Coarse gray sand, grit, mica and lignite, some clay	5	143
Coarse brown sand, mica	16	159
Coarse brown sand, grits, gravel and some clay	18	177
Coarse brown sandy clay and grits	7	184
Coarse brown sand, grit and gravel	13	197
Small grit with streaks of clay	41	238
Fine gray sandy clay and mica	14	252
Fine gray sandy clay, layers of lignite and clay	65	317
Fine gray sand, mica, some clay	9	326
Medium gray sand, mica	13	339
Layers of medium coarse gray sand, fine gray sand and some lignite	26	365
Layers of solid clay and medium coarse gray sand	13	378
Fine gray sandy clay	18	396
Medium gray sand with layers of solid clay	27	423
Medium gray sand	14	437
Medium coarse gray sand, few grits	7	444
Fine gray sand, mica, layers of clay and lignite	14	458
Medium fine gray sand, mica	19	477
Solid hard gray and red clay	42	519
Fine gray sand, some clay and streaks of solid clay	32	551
Coarse gray sand, grit, gravel and some clay	29	580
Solid hard gray clay and some lignite	54	634

Casing: 6 inches.

Screen: 11⅓ feet of 4 inch with bottom at 474⅔ feet.

N-3864. (Continued)

Pumping test:			
May 5, 1952.	Duration:	5	hours
	Static water level:	21½	feet
	Drawdown:	25	feet
	Yield:	20	gpm

N-3865. (B-6) United States Geological Survey—Well No. 5, south of Mott Sreet and west of Long Beach Road, Oceanside. Drilled by C. W. Lauman & Co., Inc., October 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Bog	15	20
Coarse brown sand	13	33
Gray clay	17	50
Coarse brown sand	10	60
Gray sandy clay, grits	8	68
Solid gray clay	17	85
Medium gray sand	7	92
Fine gray sand and layers of lignite	6	98
Fine gray sand with gray clay	6	104
Medium coarse brown sand	6	110
Layers of fine gray sand and sandy clay	9	119
Medium fine gray sand	11	130
Fine gray sandy clay and lignite	7	137
Fine gray sand and layers of sandy clay	39	176
Fine gray sand	15	191
Layers of solid clay and fine gray sand	35	226
Fine gray sand	19	245
Layers of solid clay, sandy clay and lignite	24	269
Fine gray sand	27	296
Solid hard black clay	12	308
Layers of gray clay and solid clay	11	319
Fine gray sand, some clay and mica	14	334
Solid black clay and lignite	15	349
Medium fine gray sand, some clay and lignite	9	358
Gray sandy clay, mica, layers of lignite and pyrite	24	382
Medium gray sand, mica, some clay, lignite	26	408
Gray sandy clay, mica, pyrite	15	423
Medium fine gray sand, layers of clay and lignite	33	456
Fine gray sandy clay, streaks of sand, lignite and pyrite	86	542
Medium fine gray sand	34	574
Hard gray clay	17	591
Fine gray sandy clay	6	597
Fine gray sand, mica, layers of solid clay	30	627
Coarse gray sand, traces of clay	11	638
Hard gray clay	8	646
Gray sandy clay	12	658
Coarse gray sand, grits, some clay, lignite	9	667
Hard gray clay	12	679
Gray sandy clay, lignite	10	689
Coarse gray sand	6	695
Fine gray sand, some clay	10	705
Medium coarse gray sand and grit	7	712
Fine gray sand, some clay	28	740
Hard gray clay	15	755
Layers of gray sandy clay, sand, lignite and clay	31	786

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N-3865. (Continued)

	Thickness (feet)	Depth (feet)
Hard multi-color clay	7	793
Gray sandy clay, layers of solid clay	47	840
Solid gray clay and sandy clay	9	849

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 564½ feet.

Pumping test:

October 20, 1952.	Duration:	24	hours
	Static water level:	4	feet
	Drawdown:	100	feet
	Yield:	100½	gpm

N-3866. (B-5) United States Geological Survey—Well No. 6, north of Piermont Avenue and east of Meadowview Avenue, Hewlett Bay Park. Drilled by C. W. Lauman & Co., Inc., October 15, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Brown clay and gravel	3	4
Coarse brown sand and grit	11	15
Solid gray clay	22	37
Fine gray clay	47	84
Coarse brown sand, grit and some clay	11	95
Solid gray clay	42	137
Medium coarse brown sand	6	143
Coarse brown sand	44	187
Gray sandy clay, lignite, layers of solid clay	30	217
Solid gray clay	11	228
Fine gray sandy clay and layers of lignite	13	241
Very fine gray sand, mica and some clay	61	302
Fine gray sandy clay, layers of solid clay	45	347
Fine gray sand, some clay, streaks of solid clay	27	374
Solid gray clay	12	386
Medium fine gray sand	26	412
Solid gray clay, layers of pyrite and solid clay	12	424
Medium fine gray sand, some clay and streaks of solid clay	7	431
Fine gray sandy clay and layers of lignite	11	442
Medium fine gray sand, some clay and streaks of clay	6	448
Solid gray clay, streaks of lignite and pyrite	3	451

Casing: 6 inches.

Screen: 11½ feet of 6 inch with bottom at 411½ feet.

Pumping test:

October 14, 1952.	Duration:	24	hours
	Static water level:	2½	feet
	Drawdown:	30	feet
	Yield:	114	gpm

N-3867. (B-5) United States Geological Survey—Well No. 7, north of Riverdale Road and west of Brook Road, Valley Stream. Drilled by C. W. Lauman & Co., Inc., December 12, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Coarse brown sand, grit	33	36
Coarse gray sand, grit, gravel and lumps of clay	21	57
Fine gray sandy clay	27	84

N-3867. (Continued)

	Thickness (feet)	Depth (feet)
Medium fine gray sand	23	107
Coarse gray sand and grit	43	150
Gray sandy clay, mica, layers of solid clay	21	171
Medium fine gray sand, mica and layers of lignite	11	182
Solid dark gray clay, layers of lignite and pyrite	5	187
Fine gray sandy clay, mica, layers of lignite, pyrite and solid clay	18	205
Fine gray sandy clay, mica, layers of solid clay	39	244
Medium gray sand, mica, some clay, layers of lignite	13	257
Gray sandy clay, layers of solid clay	10	267
Fine gray sand, mica, some clay	5	272
Solid hard gray clay	15	287
Gray sandy clay, layers of lignite and solid clay	15	302
Fine gray sand, mica, some clay	10	312
Medium gray sand, mica, small amount of clay	18	330
Gray sandy clay, layers of solid clay and lignite	15	345
Fine gray sand, mica, some clay	7	352
Medium fine gray sand	9	361
Medium coarse gray sand	7	368
Fine gray sand, streaks of sandy clay, lignite and pyrite	15	383
Fine gray sand, some clay and mica	12	395
Layers of fine gray sand and sandy clay	14	409
Fine gray sandy clay	19	428
Medium fine gray sand (some clay)	13	441
Medium coarse gray sand	6	447
Layers of fine gray sand and sandy clay	22	469
Layers of medium fine gray sand, some clay and solid clay	20	489
Medium fine gray sand	16	505
Coarse gray sand, grits, gravel, some clay	14	519
Fine gray sand	5	524
Coarse light gray sandy clay, streaks of solid clay	5	529
Fine gray sand, some clay	3	532
Solid hard light gray clay	12	544
Fine gray sand, mica	3	547
Solid hard light gray clay and layers of medium coarse gray sand	2	549

Casing: 6 inches.

Screen: 11½ feet of 6 inch with bottom at 517 feet.

Pumping test:

December 10, 1952.	Duration:	26	hours
	Static water level:	1	foot
	Drawdown:	9	feet
	Yield:	83½	gpm

N-3868. (C-7) Wantagh Fire District, south of Gray Lane and west of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	2	2
Sand and gravel	41	43

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 44 feet.

Pumping test:

March 21, 1952.	Duration:	10	hours
	Static water level:	13	feet
	Drawdown:	12	feet
	Yield:	250	gpm

N-3870. (C-7) Wantagh Fire District, north of Sprucewood Drive and west of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 3, 1952.

Log:	Thickness (feet)	Depth (feet)
Loam	2	2
Sand and gravel	41	43

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at $44\frac{1}{3}$ feet.

Pumping test:

March 3, 1952.	Duration:	1 hour
	Static water level:	13 feet
	Drawdown:	13 feet
	Yield:	290 gpm

N-3871. (C-7) Wantagh Fire District, north of Old Jerusalem Road and east of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 4, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	43	43

Casing: 6 inches.

Screen: $21\frac{1}{2}$ feet of 6 inch with bottom at 44 feet.

Pumping test:

March 4, 1952.	Duration:	1 hour
	Static water level:	$6\frac{1}{4}$ feet
	Drawdown:	$16\frac{1}{4}$ feet
	Yield:	420 gpm

N-3875. (B-6) Homelike Laundry, north of Atlantic Avenue and west of Scranton Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., March 11, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill	6	6
Coarse brown sand and gravel	8	14
Fine beach sand	9	23
Coarse brown sand and gravel	6	29
Medium fine gray sand, lumps clay	8	37
Medium coarse brown sand	5	42
Medium coarse brown sand and gravel	11	53
Medium coarse brown sand	3	56
Coarse brown sand and gravel	10	66

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 68 feet.

Pumping test:

February 11, 1952.	Duration:	3 hours
	Static water level:	$6\frac{1}{2}$ feet
	Drawdown:	8 feet
	Yield:	100 gpm

N-3876. (C-8) Bethpage Water District, north of Park Lane and west of Rose Street, Bethpage. Drilled by C. W. Lauman & Co., Inc., March 20, 1952.

Log:	Thickness (feet)	Depth (feet)
Loam	4	4
Coarse brown sand, grit, gravel and lumps of clay	7	11
Coarse brown sand, grit and gravel	33	44
Medium coarse brown sand and lumps of clay	11	55
Multi-color sandy clay	7	62
Fine brown sand and some clay	17	79
Medium coarse brown sand and some clay	21	100
Fine gray sandy clay	10	110
Solid dark gray clay	14	124
Medium coarse brown sand	16	140
Fine gray sandy clay and layers of solid clay	23	163
Fine gray sand	10	173
Layers of fine gray sandy clay and multi-color clay	66	239
Medium fine gray sand	9	248
Fine brown sand, some clay and mica	11	259
Fine brown sandy clay	23	282
Medium fine brown sand, some clay	11	291
Fine brown sandy clay	10	301
Medium fine brown sand	15	316
Fine brown sandy clay	10	326
Layers of fine brown sand and sandy clay	9	335
Medium fine brown sand	48	383
Fine gray sand and some clay	14	397
Layers of fine gray sand and sandy clay	11	408

Casing: 16 inches.

Screen: 57½ feet of 12 inch with bottom at 385 feet.

Pumping test:

March 20, 1952.	Duration:	8 hours
	Static water level:	35 feet
	Drawdown:	48 feet
	Yield:	1500 gpm

N-3877T. (D-7) Hicksville Water District—south of Northern State Parkway and west of Kuhl Avenue, Hicksville. Drilled by C. W. Lauman & Co., Inc., February 13, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Loam	1	2
Coarse brown sand, grits and gravel	43	45
Medium coarse brown sand, grits and lumps of clay	42	87
Medium fine brown sand	62	149
Fine brown sandy clay	20	169
Layers of solid brown clay and sandy clay	16	185
Medium fine brown sand and some clay	31	216
Layers of fine brown sandy clay and solid clay	16	232
Layers of fine gray sandy clay and solid clay	16	248
Solid gray clay	22	270
Fine gray sandy clay	51	321
Fine brown sand (some clay)	17	338
Layers of fine gray sand and solid clay	11	349
Coarse brown sand and clay	6	355
Fine gray sandy clay	16	371

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N-3877T. (Continued)

	Thickness (feet)	Depth (feet)
Solid gray clay and sandy clay	6	377
Coarse brown sand and some clay	11	388
Fine gray sand and some clay	9	397
Medium fine gray sand	10	407
Coarse brown sand, some clay	8	415
Solid brown clay	3	418
Medium fine gray sand, some clay	47	465
Solid brown clay	9	474
Medium fine gray sand, some clay	22	496
Solid gray clay	5	501
Fine gray sand, some clay and gravel	3	504
Fine gray sand and some clay	10	514
Coarse gray sand, grit and some clay	4	518
Fine gray sandy clay	6	524
Fine gray sand and some clay	8	532
Coarse gray sand, grit, gravel and clay	23	555

Casing: 5 $\frac{7}{8}$ inches.

Note: Rotary test hole.

N-3878T. (D-7) Hicksville Water District, south of Nevada Street and west of Kuhl Avenue, Hicksville. Drilled by C. W. Lauman & Co., Inc., February 26, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Loam	4	6
Coarse brown sand, grit and gravel	80	86
Medium coarse brown sand, grit and lumps of clay	52	138
Medium fine brown sand	17	155
Fine gray sand and some clay	11	166
Fine gray sandy clay and layers of hard pan	15	181
Fine brown sand and some clay	37	218
Layers of fine gray sandy clay and solid clay	16	234
Fine gray sand and some clay	34	268
Fine gray sandy clay	40	308
Fine brown sand and some clay	24	332
Fine gray sandy clay	5	337
Solid brown clay	11	348
Fine brown sand	4	352
Fine gray sandy clay	28	380
Fine brown sand and some clay	48	428
Fine brown sandy clay and layers of hardpan	21	449
Fine red sand and some clay	8	457
Fine gray sandy clay	20	477
Fine brown sand and some clay	8	485
Layers of gray sandy clay and solid clay	41	526
Layers of solid gray clay, sandy clay, grit and gravel	29	555
Layers of solid gray clay and sandy clay	24	579
Medium coarse brown sand and grit	6	585
Solid brown clay	22	607

Casing: 5 $\frac{7}{8}$ inches.

Note: Rotary test hole.

N-3879. (B-8) Alfred Imperatti, west of Shore Road and north of Merrick Road, Massapequa. Drilled by Fred Habenicht & Sons, February 16, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand	7	7
Black muck	7	14
Gray dirty clay and fine sand	55	69
Gray-white clay mixture	78	147
Very fine dirty sand	42	189
Gray dirty sand	19	208

Casing: 4 inches.

Screen: 6 feet of $3\frac{5}{8}$ inch with bottom at 209 feet.

Pumping test:

February 14, 1952.	Duration:	3 hours
	Static water level:	3 feet
	Drawdown:	15 feet
	Yield:	12 gpm

N-3881. (C-5) Incorporated Village of Garden City, south of Long Island Railroad and west of Edgemere Road, Garden City. Drilled by Layne-New York Co., Inc., April 3, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	100	100
Sand and clay streaks	40	140
Hard sandy clay	43	183
Tough clay	12	195
Sandy clay	32	227
Fine sand and clay	23	250
Sand, gravel and clay streaks	34	284
Clay and hard streaks of sand	16	300
Sand, clay and wood	51	351
Hard-packed sand and gravel	54	405
Clay and hard streaks	17	422
Sand and gravel	49	471
Clay and gravel	24	495

Casing: 24 inches.

Screen: 40 feet of 12 inch with bottom at 466 feet.

Pumping test:

April 3, 1953.	Duration:	8 hours
	Static water level:	26 feet
	Drawdown:	101 feet
	Yield:	1200 gpm

N-3887. (D-6) Borden Company, north of Old Country Road and east of Glen Cove Road, Carle Place. Drilled by C. W. Lauman & Co., Inc., April 25, 1952.

Log:	Thickness (feet)	Depth (feet)
Dirty sand and gravel	22	22
Coarse sand and large gravel	9	31
Medium sand and gravel	27	58
Coarse sand and gravel	4	62

Casing: 6 inches:

Screen: $11\frac{1}{2}$ feet of 6 inch with bottom at $63\frac{1}{2}$ feet.

(Continued on next page)

N-3887. (Continued)

Pumping test:
 April 25, 1952. Duration: 31½ hours
 Static water level: 23 feet
 Drawdown: 4 feet
 Yield: 72 gpm

N-3892. (E-6) New York Water Service Corporation, south of Seaman Road and east of Timber Road, Glen Cove. Drilled by C. W. Lauman & Co., Inc., November 11, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam	5	5
Coarse brown sand, gravel and lumps of clay	10	15
Coarse brown sand, grit, large gravel and nigger heads.....	70	85
Coarse brown sand, grit, large gravel and lumps of clay	34	119
Medium fine brown sand, some grit	54	173
Solid brown clay	15	188
Medium fine brown sand	6	194
Solid multi-color clay	31	225
Medium fine brown sand	23	248
Solid multi-color clay	8	256
Fine white sand, some clay	13	269
Layers of solid gray clay and sandy clay	39	308
Fine gray sand and some clay	8	316
Solid multi-color clay	13	329
Solid gray clay, layers of lignite	14	343
Fine gray sandy clay	6	349
Fine multi-color sandy clay	30	379
Medium fine brown sand	6	385
Medium coarse brown sand, grit, some clay and streaks of clay	51	436
Layers of solid gray clay and sandy clay	9	445
Upper { Casing: 16 inches. Screen: 33¼ feet of 18 inch, bottom 172½ feet.		
Lower { Casing: 12 inches. Screen: 21½ feet of 12 inch with bottom at 246 feet.		

Pumping test:
 October 7, 1953. Static water level: 87 feet
 Drawdown: 27 feet
 Yield: 1100 gpm

N-3893. (C-8) New York Water Service Corporation, north of Hunt Road and west of Seaman Neck Road, North Wantagh. Drilled by C. W. Lauman & Co., Inc., March 31, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Coarse brown sand, gravel and grits	87	89
Clay, lignite, streak of sand	6	95
Medium fine brown sand	55	150
Fine sandy clay		below 150
Casing: 16 inches. Screen: 53 feet of 14¼ inch with bottom at 151 feet.		
Pumping test: March 31, 1952. Duration: 8 hours Static water level: 18 feet Drawdown: 40 feet Yield: 1739 gpm		

N-3894. (C-7) New York Water Service Corporation, south of John Street and west of Meadowbrook Road, North Merrick. Drilled by C. W. Lauman & Co., Inc., March 24, 1953.

Log:	Thickness (feet)	Depth (feet)
Pit	8	8
Coarse sand, grits and gravel	32	40
Solid gray clay	12	52
Fine gray sand and some gravel	10	62
Fine to coarse gray sand	9	71
Fine to coarse gray sand and layers of clay	5	76
Fine gray sand, streaks of clay and mica	9	85
Fine to coarse sand, grits, streaks clay and lignite	12	97
Fine to medium gray sand	4	101
Layers of fine sand, sandy clay and solid clay	1	102
Fine gray sand, mica, streaks of clay	4	106
Fine to coarse sand, grits, some clay and lignite	38	144
Fine gray sand, lignite, pyrite and mica	2	146
Fine gray sand, lignite and mica	8	154
Solid gray clay, layers of gray sand	3	157
Fine gray sand, layers of clay and lignite	7	164
Fine gray sand, mica and lignite	12	176
Fine gray sand, layers of clay	10	186
Fine gray sand, mica and lignite	4	190
Solid gray clay and lignite	9	199
Fine gray sand and lignite	21	220
Medium coarse gray sand	2	222
Layers of gray sand and clay	8	230
Gray sandy clay and pyrite	5	235
Fine gray sand, mica and lignite	15	250
Fine gray sand and mica	10	260
Fine gray sand, mica and clay	16	276
Fine gray sand, mica	8	284
Fine gray sand, mica, layers clay, lignite and pyrite	2	286
Solid gray clay layers, sand and lignite	2	288
Fine gray sand, mica, lignite, pyrite	38	326
Medium coarse gray sand and grits	20	346
Medium fine gray sand	19	365
Medium dark gray clay	1	366

Casing: 16 inches.

Upper{Screen: 26 $\frac{2}{3}$ feet of 18 inch with bottom at 147 feet.
Lower{Screen: 49 feet of 12 inch with bottom at 361 feet.

Pumping test:

March 23, 1953. Duration: 3 hours
Static water level: 5 $\frac{2}{3}$ feet
Drawdown: 24 feet
Yield: 1641 gpm

N-3898. (D-7) Long Island Lighting Co., south of Old Country Road and east of Long Island Railroad, Hicksville. Drilled by C. W. Lauman & Co., Inc., November 7, 1952.

Log:	Thickness (feet)	Depth (feet)
Vault	9	9
Sand, gravel and stones	67	76
Yellow brown sand, grits and few gravel	9	85
Yellow fine and coarse sand, some grits	25	110
Brown fine to coarse sand and gravel	28	138

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N-3898. (Continued)

Casing: 12 inches.

Screen: 21½ feet of 10 inch with bottom at 129 feet.

Pumping test:

September 15, 1952. Duration: 4 hours
Static water level: 58 feet
Drawdown: 25 feet
Yield: 375 gpm

N-3905. (D-5) Manhasset-Lakeville Water District, north of Northern State Parkway and east of Lakeville Road, Lake Success. Drilled by Layne-New York Co., Inc., June 9, 1952.

Log:	Thickness (feet)	Depth (feet)
Clay	8	8
Boulders and sand	6	14
Hardpan and boulders	24	38
Sand, gravel and boulders	55	93
Soft yellow clay	12	105
Sand and streaks of clay	28	133
Gray clay and sand streaks	43	176
Hard packed sand and clay	11	187
Sand and gravel	6	193
Tough clay	13	206
Coarse sand and gravel	48	254
Hard clay	2	256
Tough clay	6	262

Casing: 20 inches.

Screen: 40 feet of 12 inch with bottom at 254 feet.

Pumping test:

June 9, 1952. Duration: 8 hours
Static water level: 65 feet
Drawdown: 36 feet
Yield: 1056 gpm

N-3906. (D-7) Linaco Building Corporation, north of Broadway and east of Swale Street, New Cassel. Drilled by Mathies Well & Pump Co., Inc., April 10, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Dark brown sand and gravel	1	5
Coarse brown sand and heavy gravel	38	43
Brown clay and sand	26	69
Fine brown sand	3	72
Coarse brown sand	4	76

Casing: 4 inches.

Screen: 2 feet of 4 inch with bottom at 71 feet.

Pumping test:

April 10, 1952. Duration: 2 hours
Static water level: 47 feet
Drawdown: 3½ feet
Yield: 18 gpm

N-3907. (D-7) Linaco Building Corporation, north of Prospect Avenue and east of Brooklyn Avenue, New Cassel. Drilled by Mathies Well & Pump Co., Inc., April 19, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Gray clay	2	6
Dark brown sand	4	10
Heavy gravel and coarse sand	27	37
Brown clay and coarse sand	3	40
Heavy gravel and coarse sand	2	42
Brown and white clay	30	72
Fine brown sand and white clay	24	96
Medium sand and few grits	4	100

Casing: 4 inches.

Screen: 2 feet of $3\frac{3}{4}$ inch with bottom at 96 feet.

Pumping test:		
April 19, 1952.	Duration:	2 hours
	Static water level:	54 feet
	Drawdown:	4 feet
	Yield:	22 gpm

N-3912. (E-5) Eagle Construction Co., north of Astors Lane and east of Port Washington Boulevard, Sands Point. Drilled by Mathies Well & Pump Co., Inc., May 29, 1952.

Log:	Thickness (feet)	Depth (feet)
Sandy loam, gravel and boulders	5	5
Coarse sand, gravel and small boulders	20	25
Coarse sand, gravel and large stones	10	35
Coarse sand and gravel	42	77
Coarse brown sand and few grits	23	100
Coarse brown sand and gravel	5	105

Casing: 6 inches.

Screen: 3 feet of $3\frac{3}{4}$ inch with bottom at 104 feet.

Pumping test:		
April 30, 1952.	Duration:	2 hours
	Static water level:	75 feet
	Drawdown:	6 $\frac{1}{2}$ feet
	Yield:	30 gpm

N-3913. (B-5) S. Manuel Pearl, south of Neptune Avenue and west of Woodmere Boulevard, Woodmere. Drilled by E. K. Hutchinson & Son, October 29, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	40	40
Clay	15	55
Sand, gravel, water	21	76

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 76 feet.

Pumping test:		
July 30, 1952.	Duration:	4 hours
	Static water level:	6 feet
	Drawdown:	14 feet
	Yield:	150 gpm

N-3918. (B-8) Wantagh Fire District, south of Naomi Street and east of Ocean Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., May 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Medium coarse brown sand and grits	7	7
Black muck	11	18
Medium coarse white sand and grits	19	37
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 39 feet.		
Pumping test:		
May 15, 1952. Duration:		2 hours
Static water level:		7 feet
Drawdown:		12 feet
Yield:		260 gpm

N-3919. (B-8) Wantagh Fire District, east of Island Channel Road and south of Bayview Street, Wantagh. Drilled by C. W. Lauman & Co., Inc., May 12, 1952.

Log:	Thickness (feet)	Depth (feet)
Black muck	3	3
Brown sandy clay and grits	3	6
Coarse brown sand and grits	30	36
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 38½ feet.		
Pumping test:		
May 12, 1952. Duration:		2 hours
Static water level:		5 feet
Drawdown:		11 feet
Yield:		250 gpm

N-3923T. (C-8) Liberty Products Corporation, north of Motor Avenue and east of Woodward Parkway, Farmingdale. Drilled by C. W. Lauman & Co., Inc., May 29, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Clay, sand and gravel	4	5
Coarse brown sand, grits, gravel	80	85
Coarse brown sand, grits, gravel, lumps of clay	27	112
Multi-colored sandy clay	13	125
Medium fine brown sand, some clay	51	176
Fine gray sandy clay and layers of solid clay	7	183
Medium fine gray sand	3	186
Solid multi-colored clay	5	191
Medium fine brown sand, some clay	31	222
Layers of solid clay, gray and sandy clay	3	225
Medium fine gray sand	21	246
Gray sandy clay	2	248
Brown and gray sandy clay, layers of solid clay	8	256
Medium coarse brown sand	12	268
Medium brown sand and streaks of sandy clay	3	271
Solid gray clay, layers of sandy clay	11	282
Solid gray clay, layers of lignite	15	297
Solid hard gray clay	18	315

Casing: 5⅞ inches.

Note: Formation test hole only.

N-3925. (D-7) Coca Cola Bottling Co., south of Cantiague Road and east of Brush Hollow Road, Jericho. Drilled by C. W. Lauman & Co., Inc., August 18, 1952.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel, boulders and clay	6	6
Coarse brown sand, gravel and large stones	61	67
Coarse brown sand, gravel and hardpan	3	70
Medium coarse brown sand, mica and lumps of brown clay	18	88
Medium fine brown sand, mica and small amount of brown clay	6	94
Medium coarse brown sand	22	116
Coarse brown sand, grits and gravel	18	134
Coarse brown sand	10	144

Casing: 8 inches.

Screen: 21¼ feet of 8 inch with bottom at 138 feet.

Pumping test:

August 14, 1952. Duration: 2½ hours
 Static water level: 63 feet
 Yield: 300 gpm

N-3926. (B-5) Woodmere Country Club, north of Grove Avenue and east of Broadway, Woodmere. Drilled by C. W. Lauman & Co., Inc., November 12, 1952.

Log:	Thickness (feet)	Depth (feet)
Vault	3	3
Sand and gravel	14	17
Brown sand and gravel	12	29
Layers of reddish-brown clay, clayey brown sand, grits	3	32
Gray sandy clay	3	35
Gray sticky clay	23	58
Gray sand and gravel	7	65
Grayish-brown fine sand and grits	4	69
Gray sticky clay	26	95
Soft gray clay	20	115

Casing: 10 inches.

Screen: 13 feet of 10 inch with bottom at 64 feet.

Pumping test:

July 7, 1952. Duration 8 hours
 Static water level: 9 feet
 Yield: 450 gpm

N-3927. (D-5) Fred Schumacher, north of Marcus Avenue and east of New Hyde Park Road, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., July 8, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	2	2
Brown clay and stones	8	10
Coarse brown sand, brown clay and stones	35	45
Coarse brown sand, heavy gravel and clay	15	60
Coarse brown sand and heavy gravel	18	78
Coarse, dark-brown sand, gravel and hardpan	7	85
Coarse, clean, brown sand and gravel	8	93
Fine brown sand and lumps brown clay	3	96

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N-3927. (Continued)

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 95 feet.

Pumping test:

July 8, 1952. Duration: 1 hour
 Static water level: 56 feet
 Drawdown: 11 feet
 Yield: 150 gpm

N-3930. (E-7) Acosta Nichols, south of Cove Neck Road and east of Oyster Bay Cove Road, Cove Neck. Drilled by C. W. Lauman & Co., Inc., June 10, 1952.

Log:	Thickness (feet)	Depth (feet)
Marsh	6	6
Coarse muddy sand and gravel	10	16
Medium coarse brown sand and gravel	8	24
Soft gray clay	146	170
Hard gray clay	15	185
Medium coarse brown sand and gravel	9	194

Casing: 6 inches.

Screen: 7½ feet of 4 inch with bottom at 194 feet.

Pumping test:

June 10, 1952. Duration: 1 hour
 Static water level: 4 feet
 Drawdown: 29 feet
 Yield: 30 gpm

N-3934. (C-6) Village of Garden City, Clinton Road and Long Island Motor Parkway, Garden City. Drilled by Layne-New York Co., Inc., August 10, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	40	40
Sand, gravel and clay	32	72
Clay and hard streaks	68	140
Sandy clay	43	183
Clay and sand streaks	22	205
Sand and clay streaks	53	258
Clay, sand and hard streaks	26	284
Sand and gravel	41	325
Clay, hard streaks	43	368
Sand and gravel	52	420
Clay	5	425

Casing: 24 inches.

Screen: 40 feet of 12 inch with bottom at 417 feet.

Pumping test:

August 10, 1953. Duration: 8 hours
 Static water level: 21½ feet
 Drawdown: 44 feet
 Yield: 1400 gpm

N-3937. (C-5) Long Island Water Corporation, north of Hempstead Avenue and east of Franklin Avenue, Malverne. Drilled by C. W. Lauman & Co., Inc., November 13, 1952.

Log:	Thickness (feet)	Depth (feet)
Loam	3	3
Coarse brown sand, some grits and gravel	40	43
Coarse brown sand and lumps of gray clay	11	54
Fine gray sandy clay	7	61
Solid gray and brown clay	10	71
Fine white sand, (some clay)	11	82
Fine brown sand, (some clay)	20	102
Layers of fine gray sand, sandy clay and solid clay	42	144
Fine gray sand, (some clay)	28	172
Fine gray sandy clay	10	182
Layers of fine gray sand, sandy clay, solid clay and lignite	20	202
Hard black clay and lignite	19	221
Fine gray sandy clay and layers of lignite	16	237
Hard gray clay	19	256
Fine gray sand, (some clay), layers of solid clay	20	276
Solid clay	17	293
Fine gray sand, streaks of clay and lignite	27	320
Fine gray sand, some lignite	22	342
Layers of gray sandy clay, fine sand and solid clay	27	369
Fine gray sand and layers of sandy clay	15	384
Fine gray sand, (some clay)	9	393
Solid gray clay and lignite	3	396
Fine gray sand, (some clay)	14	410
Medium fine gray sand	13	423
Solid gray clay and lignite	8	431
Fine gray sand, (some clay)	37	468
Solid gray clay and layers of sandy clay	6	474
Hard solid gray clay	50	524
Hard light gray solid clay	13	537
Coarse gray sand, grit, gravel and clay	10	547
Fine gray sand and layers of pyrite	16	563
Coarse gray sand, grit, gravel and clay	6	569
Layers of fine gray sand, sandy clay and solid clay	48	617
Hard dark gray clay	10	627
Fine gray sandy clay, layers of solid clay and lignite	52	679
Dark hard gray clay and layers of lignite	24	703

Casing: 16 inches.

Screen: 73½ feet of 12 inch with bottom at 464½ feet.

Pumping test:

September 18, 1952.	Duration:	4	hours
	Static water level:	6½	feet
	Drawdown:	27	feet
	Yield:	1630	gpm

N-3939. (E-7) Hollis B. Shaw, south of Bayville Avenue and west of Centre Island Road, Centre Island. Drilled by Mathies Well & Pump Co., Inc., June 12, 1952.

Log:	Thickness (feet)	Depth (feet)
Loam and small boulders	5	5
Medium sand and grits	2	7
Fine sand and brown clay	5	12
Brown clay	18	30

(Continued on next page)

N-3939. (Continued)

	Thickness (feet)	Depth (feet)
Brown clay and gravel	18	48
Brown clay, gravel, large stones and little clay	21	69
Heavy gravel and sand	2	71
Blue clay, sand and grits	15	86
Coarse white sand and gray clay	1	87
Gray clay and sand	5	92
Coarse white sand, gravel and large stones	1	93
Brown-gray clay, sand and gravel	10	103
Brown clay, sand and gravel	3	106
Coarse sand and gravel, lumps of brown clay and large stones	4	110

Casing: 4 inches.

Screen: 2 feet of 3½ inch with bottom at 104 feet.

N-3941. (E-7) Livingston L. Short, south of Private Road and west of Cove Neck Road, Oyster Bay. Drilled by Watson & Hazel, June 16, 1952.

Log:	Thickness (feet)	Depth (feet)
Fine brown sand	4	4
Fine sand and small stones	6	10
Fine brown sand	11	21
Clay and stones	3	24
Solid brown clay	7	31
Sand and gravel	10	41
Coarse gravel	10	51
Gravel and sand	9	60

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 60 feet.

Pumping test:

June 12, 1952. Duration:	4 hours
Static water level:	7 feet
Drawdown:	3 feet
Yield:	30 gpm

N-3942. (E-8) T. Ashley Sparks, south of North Hempstead Turnpike and west of Berry Hill Road, Syosset. Drilled by Long Island Water Supply Co., Inc., August 2, 1951.

Log:	Thickness (feet)	Depth (feet)
Coarse white sand	345	345

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 347 feet.

Pumping test:

August 1, 1951. Duration:	8 hours
Static water level:	210 feet
Yield:	42 gpm

N-3944. (D-6) Irvin Jalonack, north of Meadowbrook Lane and east of Hastings Road, East Hills. Drilled by C. W. Lauman & Co., Inc., August 22, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill	3	3
Medium brown sand and gravel	68	71

N-3944. (Continued)	Thickness (feet)	Depth (feet)
Brown sandy clay	11	82
Fine brown sand and streaks of clay	20	102
Casing: 6 inches.		
Screen: 6 feet of 4 inch with bottom at 102 feet.		

N-3947. (B-8) Wantagh Fire District, north of Riverside Avenue and west of Seminole Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., September 30, 1952.

Log:	Thickness (feet)	Depth (feet)
Sod and top soil	1	1
Fine gray sand	2	3
Sand and muck and clay	5	8
Coarse sand and gravel	26	34
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 34 feet.		
Pumping test:		
September 30, 1952. Duration:	1	hour
Static water level:	4½	feet
Drawdown:	12	feet
Yield:	300	gpm

N-3949. (B-7) Wantagh Fire District, north of Bay Place and west of Shore Road, Wantagh. Drilled by C. W. Lauman & Co., Inc., October 17, 1952.

Log:	Thickness (feet)	Depth (feet)
Sod and topsoil	1	1
Coarse sand	3	4
Gray clay and marsh mud	8	12
Coarse gray sand and gravel	22	34
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 34 feet.		
Pumping test:		
October 17, 1952. Duration:	1	hour
Static water level:	5½	feet
Drawdown:	8	feet
Yield:	260	gpm

N-3950. (B-8) Wantagh Fire District, south of Nimrod Street and west of Ocean Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., October 9, 1952.

Log:	Thickness (feet)	Depth (feet)
Sod and top soil	1	1
Gray sand	3	4
Marsh, muck and gray clay	9	13
Coarse sand	22	35
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 35 feet.		
Pumping test:		
October 3, 1952. Duration:	1	hour
Static water level:	6½	feet
Drawdown:	9½	feet
Yield:	275	gpm

N-3951. (B-8) Wantagh Fire District, south of Wyand Street and west of Riverside Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., August 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	5	5
Coarse brown sand, grits, gravel	34	39
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 39 feet.		
Pumping test:		
August 21, 1952. Duration:		1 hour
Static water level:		8 feet
Drawdown:		9 feet
Yield:		290 gpm

N-3952. (B-8) Wantagh Fire District, northeast of Ocean Avenue near Island Creek, Wantagh. Drilled by C. W. Lauman & Co., Inc., October 7, 1952.

Log:	Thickness (feet)	Depth (feet)
Sod and top soil	1	1
Gray sand	3	4
Mud and marsh sand	8	12
Coarse gray sand	19	31
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 30 feet.		
Pumping test:		
October 7, 1952. Duration:		2 hours
Static water level:		4 feet
Drawdown:		9 feet
Yield:		280 gpm

N-3954. (D-5) North Shore Hospital, south of Northern Boulevard and east of Valley Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., August 28, 1952.

Log:	Thickness (feet)	Depth (feet)
Fine brown sand and gravel with streaks of clay	10	10
Sand and gravel imbedded in clay	10	20
Medium brown sand, grits and gravel	13	33
Medium brown sand with grits and gravel, cemented sand and streaks of clay	11	44
Boulders	6	50
Brown sand and grits	9	59
Grits and gravel	11	70
Medium brown sand and boulders	3	73
Boulders	4	77
Boulders and clay	12	89
Medium brown sand and streaks of white clay	4	93
Grits, gravel and boulders	6	99
Boulders and clay	6	105
Medium fine brown sand	6	111
Boulders, coarse sand and gravel	6	117
Boulders in gray clay	7	124
Gray clay	1	125
Boulders, sand and gravel	2	127
Fine brown sand	1	128
Medium brown sand, grits and large rock	12	140

N-3954. (Continued)	Thickness (feet)	Depth (feet)
Fine brown sand, some clay	4	144
Medium fine brown sand, hardpan	2	146
Fine brown sand	2	148
Fine brown sandy clay	1	149
Casing: 8 inches.		
Screen: 21 feet of 8 inch with bottom at 145 feet.		
Pumping test:		
July 21, 1952. Duration:		8 hours
Static water level:		36 feet
Drawdown:		22 feet
Yield:		320 gpm

N-3964. (D-7) Metalab Equipment Corporation, north of Duffy Avenue and east of Combes Avenue, Hicksville. Drilled by Mathies Well & Pump Co., Inc., July 14, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Loam	1	3
Dirty, coarse sand and gravel	1	4
Coarse sand, gravel and large stones	42	46
Coarse sand and gravel	41	87
Medium sand and grits	6	93
Coarse sand and gravel	11	104

Casing: 6 inches.

Screen: 10 feet of 3 $\frac{5}{8}$ inch with bottom at 103 feet.

Pumping test:

July 14, 1952. Duration:	4 hours
Yield:	100 gpm

N-3976. (B-5) Joseph Engel, south of Green Place and west of Woodmere Boulevard, Woodmere Park. Drilled by S. J. Breen Co., Inc., September 22, 1952.

Log:	Thickness (feet)	Depth (feet)
Dark clayish sand and gravel	14	14
Coarse brown sand and gravel	13	27
Dark gray clay		below 27

Casing: 4 inches.

Screen: 5 feet of 3 $\frac{3}{4}$ inch with bottom at 26 feet.

Pumping test:

September 22, 1952. Duration:	2 hours
Static water level:	5 feet
Drawdown:	15 feet
Yield:	35 gpm

N-3977. (C-7) Mar-Lin Management Corporation, south of Gardiners Avenue and west of Roxbury Lane, Levittown. Drilled by Mathies Well & Pump Co., Inc., July 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Coarse sand and gravel	35	39

(Continued on next page)

N-3977. (Continued)

Casing: 4 inches.

Screen: 6 feet of 3¾ inch with bottom at 37½ feet.

Pumping test:

July 21, 1952. Duration: 4 hours
 Static water level: 15¾ feet
 Drawdown: 4¼ feet
 Yield: 65 gpm

N-3979. (B-5) H. C. Bohack Co., Inc., Central Avenue and Cedarhurst Avenue, Cedarhurst. Drilled by Sweeney & Gray Co., Inc., August 13, 1952.

Log:	Thickness (feet)	Depth (feet)
Basement	8	8
Coarse sand and gravel	44	52

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 52 feet.

Pumping test:

October 15, 1952. Duration: 4 hours
 Static water level: 8 feet
 Drawdown: 4 feet
 Yield: 50 gpm

N-3981. (B-6) Ralph Clausen, south of Waukena Road and west of Ocean Avenue, Ocean-side. Drilled by Eastern Well & Pump Co., July 29, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and sand	4	4
Bog and sand	6	10
Brown sandy clay, some grits and gravel	14	24
Coarse light brown sand and gravel	7	31
Soft gray clay, slightly sandy	12	43
Same as above, small stones and gravel	3	46
Brown sandy clay, silt and mica	20	66
Fine to medium light brown sand, grits and gravel (dirty)	5	71
Soupy light brown sand, lumps clay, hardpan	6	77
Fine light gray sand, grits, gravel, hardpan	4	81
Fine to medium brown sand, grits, gravel (fairly clean)	3	84
Clean light gray sand, some mica	2	86

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 88 feet.

Duration: 2 hours
 Static water level: ½ foot
 Drawdown: 16½ feet
 Yield: 25 gpm

N-3892. (E-7) Arthur Davis, south of Cleft Road and west of Mill Neck Road, Mill Neck. Drilled by C. W. Lauman & Co., Inc., October 7, 1952.

Log:	Thickness (feet)	Depth (feet)
Clay and gravel	3	3
Coarse brown sand and grits	11	14
Light brown solid clay	31	45

N-3892. (Continued)

	Thickness (feet)	Depth (feet)
Coarse gray sand, grits, gravel, boulders	46	91
Coarse gray sand, grits, lumps of clay	39	130
Coarse brown sand, gravel, large stones	28	158
Coarse brown sand, multi-colored clay, large stones	11	169
Solid gray clay	46	215
Light gray sandy clay, gravel, lumps of clay	57	272
Multi-colored solid clay	48	320
Gray sandy clay, layers of solid clay	11	331
Fine brown sand	10	341
Coarse brown sand	15	356
Fine brown sand, streaks of clay	16	372
Medium brown sand	4	376
Coarse brown sand, large gravel, clay	27	403
Medium coarse brown sand and grits	16	419
Solid white clay and gravel	4	423
Coarse brown sand, gravel, clay	12	435
Coarse brown sand, grits, some clay	7	442
Coarse brown sand, large gravel, white clay	9	451

Casing: 6 inches.

Screen: 22½ feet of 6 inch with bottom at 420½ feet.

Pumping test:

October 7, 1952.	Duration	1½ hours
	Static water level:	flows
	Drawdown:	420 feet
	Yield:	67 gpm

N-3983. (B-5) Nat Young, south of East Rockaway Road and east of Huckleberry Lane, Hewlett Harbor. Drilled by Eastern Well & Pump Co., July 24, 1952.

Log:	Thickness (feet)	Depth (feet)
Dirty sand, stones and clay	12	12
Fine sand and gravel	8	20
Fine light brown sand	9	29
Brown sand and gravel	13	42

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 41 feet.

Pumping test:

July 24, 1952.	Duration:	2 hours
	Static water level:	19 feet
	Yield:	50 gpm

N-3989. (C-7) Wantagh Fire District, south of Carrolton Avenue and east of Brition Street, Wantagh. Drilled by C. W. Lauman & Co., Inc., July 30, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill	2	2
Medium brown sand, grits and gravel	40	42

Casing: 4 inches.

Screen: 15¾ feet of 4 inch with bottom at 42 feet.

Pumping test:

July 30, 1952.	Duration:	1 hour
	Static water level:	12 feet
	Drawdown:	10 feet
	Yield:	265 gpm

N-3990. (C-8) Farmingdale Federal Loan & Savings, south of Fulton Street and east of Main Street, Farmingdale. Drilled by Fred Habenicht & Sons, August 18, 1952.

Log:	Thickness (feet)	Depth (feet)
Basement	12	12
Sand and gravel	36	48
Casing: 4 inches.		
Screen: 8 feet of 3¾ inch with bottom at 48 feet.		
Pumping test:		
August 9, 1952. Duration		4 hours
Static water level:		21 feet
Drawdown:		2⅓ foot
Yield:		35 gpm

N-3991. (D-7) Allen Manufacturing Co., north of Duffy Lane and east of Wantagh State Parkway, Hicksville. Drilled by Fred Habenicht & Sons, August 25, 1952.

Log:	Thickness (feet)	Depth (feet)
Well pit	7	7
Sand and pebbles	28	35
Very coarse sand	12	47
Very fine sand	4	51
Coarse sand and pebbles	11	62
Casing: 4 inches.		
Screen: 8 feet of 3¾ inch with bottom at 61½ feet.		
Pumping test:		
August 22, 1952. Duration:		2 hours
Static water level:		42 feet
Drawdown:		9 feet
Yield:		38 gpm

N-3993. (E-6) Henry's, south of Glen Street and east of Bridge Street, Glen Cove. Drilled by C. W. Lauman & Co., Inc., November 1, 1952.

Log:	Thickness (feet)	Depth (feet)
Basement	8	8
Coarse sand, gravel and stones	6	14
Coarse brown clean sand	9	23
Coarse brown sand, gravel and clay	14	37
White clay	2	39
Fine white sand and clay	7	46
Coarse brown sand, grits and some clay	7	53
Solid white clay	1	54
Very fine white sand and clay	3	57
Coarse white sand and grits	3	60
Coarse to fine white sand	3	63
Coarse sand and little clay	6	69
Coarse dark brown sand and clay	1	70
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 62 feet.		
Pumping test:		
October 21, 1952. Duration:		1 hour
Static water level:		6 inches
Drawdown:		7 feet
Yield:		30 gpm

N-4000. (B-5) Harry Zwerling, east of Deering Lane and south of Main Street, East Rock-away. Drilled by Eastern Well & Pump Co., September 9, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Sandy clay	7	9
Hard-packed gray sand, few grits	16	25
Coarse brown sand, grits and gravel	12	37

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 35 feet.

Pumping test:

August 13, 1952.	Duration:	2	hours
	Static water level:	10	feet
	Drawdown:	2½	feet
	Yield:	55	gpm

N-4012. (C-7) Emil Oberle, north of North Jerusalem Road and east of Newbridge Avenue, East Meadow. Drilled by C. W. Lauman & Co., Inc., August 19, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	2	2
Sand and gravel	30	32

Casing: 4 inches.

Screen: 7 feet of 4 inch with bottom at 32 feet.

Pumping test:

August 19, 1952.	Duration:	1	hour
	Static water level:	14	feet
	Drawdown:	3	feet
	Yield:	60	gpm

N-4014. (E-7) Sidney G. M. Butler Cove Neck Road, Oyster Bay. Drilled by E. K. Hutchinson & Son, August 28, 1952.

Log:	Thickness (feet)	Depth (feet)
Brown sand and gravel	30	30
White sand	10	40
Brown sand	28	68
Clay	4	72
White sand and heavy gravel	8	80

Casing: 6 inches.

Screen: 6 feet of 5⅝ inch with bottom at 80 feet.

Pumping test:

August 14, 1952.	Duration:	8	hours
	Static water level:	61	feet
	Drawdown:	10	feet
	Yield:	30	gpm

N-4015. (B-5) Herman Levinson, south of Auerbach Lane and west of Jorgen Street, Cedarhurst. Drilled by S. J. Breen Co., Inc., August 28, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Black bog	8	12
Yellow sand with small gravel	22	34

Casing: 6 inches.
Screen: 5 feet of 5½ inch with bottom at 34 feet.

Pumping test:
August 27, 1952. Duration: 4 hours
Static water level: 9 feet
Drawdown: 11 feet
Yield: 60 gpm

N-4016. (D-4) E. A. Kahn Estate, 7 Martin Court, South, Kings Point. Drilled by C. W. Lauman & Co., Inc., November 15, 1952.

Log:	Thickness (feet)	Depth (feet)
Pit	5	5
Brown sand, gravel and lumps of clay	17	22
Brown sand and plenty gravel	21	43
Coarse brown sand and some gravel	18	61
Light brown sand and plenty gravel	13	74
Fine light brown sandy clay	1	75

Casing: 6 inches.
Screen: 11 feet of 6 inch with bottom at 70 feet.

Pumping test:
November 15, 1952. Duration: 7 hours
Static water level: 36 feet
Drawdown: 7 feet
Yield: 72 gpm

N-4018. (C-8) Massapequa Fire District, Sunrise Highway and Unqua Road, Massapequa. Drilled by Mathies Well & Pump Co., Inc., December 5, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Sand and gravel	4	6
Yellow clay and sand	3	9
Coarse sand and gravel	37	46

Casing: 4 inches.
Screen: 16 feet of 4 inch with bottom at 46 feet.

Pumping test:
December 5, 1952. Duration: 4 hours
Drawdown: 24" vacuum
Yield: 250 gpm

N-4029. (C-6) Sweet Clover Dairy, Nassau Road, Roosevelt. Drilled by Eastern Well & Pump Co., December 8, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	48	48
Casing: 6 inches.		
Screen: 5 feet of 6 inch with bottom at 48 feet.		
Pumping test:		
November 25, 1952. Duration:		2 hours
Static water level:		14 feet
Yield:		65 gpm

N-4038. (C-8) E.D.J. Realty Corporation (Massapequa Park Market), north of Front Street and west of Clark Boulevard, Massapequa Park. Drilled by Mathies Well & Pump Co., Inc., June 25, 1954.

Log:	Thickness (feet)	Depth (feet)
Concrete	1	1
Fill	8	9
Coarse sand and gravel	41	50
Gray fine sand	17	67
Casing: 4 inches.		
Screen: 10¾ feet of 4 inch with bottom at 67 feet.		

N-4043. (C-8) South Farmingdale Water District, west of Langdon Road and north of Boundary Avenue, Farmingdale. Drilled by C. W. Lauman & Co., Inc., August 17, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam	3	3
Coarse brown sand, grits, gravel	89	92
Same as above, with lumps of clay	42	134
Medium fine brown sand	5	139
Medium fine light brown clayey sand	11	150
Medium fine brown sand	20	170
Solid light brown clay	5	175
Medium fine sand, small layers clay	5	180
Fine brown sandy clay and layers solid clay	6	186
Medium fine brown sand	24	210
Medium fine gray sandy clay	27	237
Fine gray sand, clay and streaks of solid clay	52	289
Fine gray sand and some clay	15	304
Fine gray sand	5	309
Layers of gray sand, clay, solid clay and lignite	13	322
Medium fine gray sand and layers of lignite	50	372
Fine gray sand and some clay	21	393
Medium fine gray sand	21	414
Medium fine gray sand and layers of solid clay	7	421
Fine gray sandy clay and layers of lignite	61	482
Casing: 16 inches.		
Screen: 52 feet of 12 inch with bottom at 369 feet.		

Pumping test:		
February 26, 1953. Duration:		8 hours
Static water level:		27 feet
Drawdown:		36 feet
Yield:		1212 gpm

N-4044. (C-7) King Kullen Store, Merrick Avenue and Bellmore Avenue, East Meadow.
 Drilled by C. W. Lauman & Co., Inc., December 10, 1952.

Log:	Thickness (feet)	Depth (feet)
Basement	9	9
Coarse brown sand, grits and gravel	40	49
Fine brown sandy clay		below 49
Casing: 6 inches.		
Screen: 11 feet of 6 inch with bottom at 40 feet.		
Pumping test:		
November 7, 1952. Duration:		2 hours
Static water level:		9 feet
Drawdown:		5 feet
Yield:		75 gpm

N-4050. (D-7) H. C. Bohack Co., Inc., northwest corner of Old Country Road and New-
 bridge Avenue, Hicksville. Drilled by Sweeney & Gray Co., Inc., October 20, 1952.

Log:	Thickness (feet)	Depth (feet)
Basement	10	10
Sand and gravel	66	76
Casing: 8 inches.		
Screen: 11 feet of 8 inch with bottom at 77 feet.		
Pumping test:		
April 10, 1953. Duration:		4 hours
Static water level:		46 feet
Drawdown:		4 feet
Yield:		69 gpm

N-4053. (E-8) Lester Fluewellen, Laurel Cove and Cove Road, Laurel Hollow. Drilled
 by Fred Habenicht & Son, November 12, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Hard gravel	38	41
White sand and gravel	32	73
White clay and sand	26	99
Coarse white sand with about 30% fine sand	22	121
Casing: 6 inches.		
Screen: 12 feet of 5½ inch with bottom at 121 feet.		
Pumping test:		
November 11, 1952. Duration:		6 hours
Static water level:		79 feet
Drawdown:		9 feet
Yield:		21 gpm

N-4054. (B-6) Henry Greenbaum, 100 Kennedy Avenue and Milburn Street, Rockville
 Centre. Drilled by C. W. Lauman & Co., Inc., December 10, 1952.

Log:	Thickness (feet)	Depth (feet)
Basement	5	5
Fine brown sand	15	20
Coarse brown sand	7	27

N-4054. (Continued)	Thickness (feet)	Depth (feet)
Fine brown sand and grits	5	32
Fine brown sand	4	36
Coarse sand and gravel	4	40
Fine brown sand	3	43
Medium fine sand and gravel	9	52
Casing: 4 inches.		
Screen: 7 feet of 4 inch with bottom at 48 feet.		
Pumping test:		
November 6, 1952. Duration:		2 hours
Static water level:		9 feet
Drawdown:		6 feet
Yield:		60 gpm

N-4057. (C-6) Tube Distributors Co., Inc., south of Kellum Place and east of Old Country Road, Garden City. Drilled by Eastern Well & Pump Co., October 30, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Marl		2
Coarse sand and clean gravel	24	26
Coarse brown sand, grits and gravel, slightly clayey	14	40
Coarse brown sand, few grits and gravel	30	70
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 70 feet.		
Static water level:		32 feet
Yield:		110 gpm

N-4059. (B-7) Wantagh Fire District, west of South Cedar Street and south of Merrick Road, Wantagh. Drilled by C. W. Lauman & Co., Inc., October 27, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Top soil and loam	1	3
Marsh sod and loam	1	4
Coarse brown sand and gravel	26	30
Medium coarse sand	5	35
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 38 feet.		
Pumping test:		
October 27, 1952. Duration:		2 hours
Static water level:		7 feet
Drawdown:		31 $\frac{1}{4}$ feet
Yield:		120 gpm

N-4060. (D-7) Towne & James Drugs, northwest of Grand Boulevard and Third Street, Westbury. Drilled by C. W. Lauman & Co., Inc., December 10, 1952.

Log:	Thickness (feet)	Depth (feet)
Coarse brown and gravel	31	31
Fine brown sand, small amount clay	24	55
Fine clean brown sand	8	63

(Continued on next page)

N-4060. (Continued)

Casing: 6 inches.

Screen: 62½ feet of 6 inch with bottom at 63 feet.

Pumping test:

November 13, 1952.	Duration:	2 hours
	Static water level:	39 feet
	Drawdown:	12 feet
	Yield:	40 gpm

N-4063. (D-8) Bethpage Water District, north of Floral Avenue and east of Adams Avenue, Bethpage. Drilled by C. W. Lauman & Co., Inc., November 4, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Loam	1	3
Coarse brown sand, grits and gravel	27	30
Same as above, with lumps of clay	30	60
Medium coarse brown sand, grits, gravel and lumps of clay	62	122
Same as above, with multi-colored sand	12	134
Solid gray clay	15	149
Medium coarse brown sand	13	162
Layers of solid gray clay and sandy clay	3	165
Fine brown sandy clay and streaks of solid clay	12	177
Medium fine brown sand	11	188
Layers of fine brown sand and sandy clay	6	194
Fine brown sand and some clay	44	238
Fine gray sand and some clay	5	243
Fine brown sand and layers of solid clay	5	248
Medium coarse brown sand, layers of clay and hardpan	6	254
Medium fine brown sand and streaks of sandy clay	64	318
Fine gray sandy clay	19	337
Fine brown sand	5	342
Solid hard gray clay	15	357
Fine gray sandy clay and streaks of solid clay	36	393
Medium fine brown sand	6	399
Fine brown sandy clay	7	406
Medium fine brown sand	8	414
Solid gray clay	14	428
Fine gray sandy clay	19	447
Medium fine brown sand	12	459
Fine gray sandy clay	7	466

Casing: 16 inches.

Screen: 94 feet of 12 inch with bottom at 233 feet.

Pumping test:

January 20, 1953.	Duration:	8 hours
	Static water level:	51 feet
	Drawdown:	22 feet
	Yield:	1529 gpm

N-4072. (D-6) Guild Machinery Inc., north of Hillside Avenue and west of Moore Street, New Hyde Park. Drilled by S. J. Breen Co., Inc., November 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	51	51
Coarse sand	6	57

N-4072. (Continued)

Casing: 6 inches.

Screen: 10 feet of 5½ inch with bottom at 55½ feet.

Pumping test:

November 21, 1952. Duration: 4 hours
 Static water level: 34 feet
 Drawdown: 5½ feet
 Yield: 65 gpm

N-4074. (C-5) Jamaica Sash & Door Co., south of Dennis Avenue and east of Old Broadway, Garden City. Drilled by Mathies Well & Pump Co., Inc., April 20, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Brown clay and stones	5	7
Yellow clay and stones	5	12
Coarse gravel	34	46
Coarse sand and some gravel	11	57
Coarse sand and gravel	16	73

Casing: 6 inches.

Screen: 15 feet of 4 inch with bottom at 73 feet.

Pumping test:

April 20, 1953. Duration: 1 hour
 Static water level: 24 feet
 Drawdown: 3 feet
 Yield: 69 gpm

N-4076. (B-8) Wantagh Fire District, Bayview Avenue, Wantagh. Drilled by C. W. Lau-man & Co., Inc., December 12, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill	1	1
Coarse sand and gravel	37	38

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 38 feet.

Pumping test:

December 12, 1952. Duration: 2 hours
 Static water level: 9 feet
 Drawdown: 12 feet
 Yield: 100 gpm

N-4077. (C-5) Jamaica Water Supply Co., north of Cisney Avenue and west of Gilbert Court, Floral Park. Drilled by Layne-New York Co., Inc., January 8, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	90	90

Casing: 24 inches.

Screen: 20 feet of 18 inch with bottom at 90 feet.

Pumping test:

October 22, 1953. Duration: 8 hours
 Static water level: 30 feet
 Drawdown: 30 feet
 Yield: 1500 gpm

N-4078. (D-7) W. Ferrels, south of Newbridge Avenue and east of Old Country Road, Westbury. Drilled by Fred Habenicht & Sons, May 18, 1953.

Log:	Thickness (feet)	Depth (feet)
Basement	6	6
Yellow sand	13	19
Fine sand	28	47
Coarse gravel and sand	26	73
Very coarse sand and few pebbles	6	79

Casing: 4 inches.

Screen: 4 feet of 3¾ inch with bottom at 79 feet.

Pumping test:

May 17, 1953. Duration: ¾ hour
Yield: 12 gpm

N-4079. (C-7) Jersualem Avenue Taxpayer, Inc., north of Jerusalem Avenue and east of Walnut Lane, Hicksville. Drilled by Eastern Well & Pump Co., December 22, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	68	68

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 67 feet.

Pumping test:

December 22, 1952. Duration: 3 hours
Drawdown: 43¼ feet
Yield: 69 gpm

N-4082. (D-6) Village of Mineola, Mineola. Drilled by Layne-New York Co., Inc.

Log:	Thickness (feet)	Depth (feet)
Red sand and gravel	153	153
Gray clay	12	165
Sand and gravel	15	180
Fine sand and clay streaks	23	203
Gray soft clay	17	220
Sand and streaks clay	24	244
Sand and gravel streaks, clay	87	331
Tough clay	21	352
Coarse sand	32	384
Gray clay	20	404
Coarse sand and fine gravel	60	464
Coarse sand and clay streaks	12	476

Casing: 24 inches.

Screen: 40 feet of 10 inch with bottom at 462 feet.

Pumping test:

January 22, 1953. Duration: 8 hours
Static water level: 33 feet
Drawdown: 37 feet
Yield: 1035 gpm

N-4086. (C-7) Meadowbrook National Bank, south of Park Avenue and east of Wantagh Avenue, Wantagh. Drilled by Eastern Well & Pump Co., December 27, 1952.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and grits	26	26
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 26 feet.		
Pumping test:		
December 17, 1952. Duration:		2 hours
Static water level:		1½ feet
Drawdown:		6 feet
Yield:		60 gpm

N-4096. (D-8) Plainview Water District, Plainview Road and Old Country Road, Plainview. Drilled by Layne-New York Co., Inc., August 2, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Sandy clay	48	53
Sand, gravel and streaks of clay	106	159
Sandy clay	20	179
Clay	32	211
Sand and gravel	8	219
Sand, gravel and streaks of yellow clay	30	249
Yellow clay and sand	12	261
Sand, gravel and streaks of clay	96	357
Clay	16	373
Sand and gravel	42	415
Hard blue clay	21	436
Sand and gravel	67	503
Sand and clay streaks	7	550
Casing: 24 inches.		
Screen: 50 feet of 12 inch with bottom at 494 feet.		
Pumping test:		
August 2, 1954. Duration:		8 hours
Static water level:		68 feet
Drawdown:		32 feet
Yield:		1200 gpm

N-4097. (D-8) Plainview Water District, Orchard Street and Nassau Avenue, Plainview. Drilled by Layne-New York Co., Inc., August 4, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	46	46
Sandy clay	143	189
Clay	21	210
Various colored sandy clay	190	400
Coarse sand	67	467
Sand clay streaks		below 467
Casing: 24 inches.		
Screen: 50 feet of 12 inch with bottom at 463 feet.		
Pumping test:		
August 4, 1954. Duration:		8 hours
Static water level:		75 feet
Drawdown:		33 feet
Yield:		1200 gpm

N-4098. (D-7) Bernard Construction Co., north of Old Country Road and west of Rushmore Street, New Cassel. Drilled by E. K. Hutchinson & Son, May 1, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	20	20
Clay	8	28
Sand and gravel	65	93
Casing: 4 inches.		
Screen: 46 feet of 4 inch with bottom at 50 feet.		
Pumping test:		
February 27, 1953. Duration:		1 hour
Static water level:		35 feet
Drawdown:		2 feet
Yield:		12 gpm

N-4104. (C-6) Julius Kassover, south of Demott Avenue and west of Devon Street, Rockville Centre. Drilled by Eastern Well & Pump Co., April 1, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil and clay	4	4
Sand and gravel	22	26
Sand, gravel and stones	7	33
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 32 feet.		
Pumping test:		
April 1, 1953. Duration:		3 hours
Static water level:		15 feet
Yield:		50 gpm

N-4109. (C-7) Food Fair, c/o Merrick Holding Corporation, south of Front Street and west of Merrick Avenue, East Meadow. Drilled by Eastern Well & Pump Co.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Medium brown sand	7	10
Coarse brown sand and gravel	21	31
Fine light brown sand	3	34
Coarse brown sand and gravel	11	45
Thin layer of clay		
Fine brown sand, few grits, clay lumps	2	47
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 45 feet.		
Pumping test:		
February 27, 1953. Duration:	3	hours
Static water level:	18	feet
Drawdown:	1½	feet
Yield:	80	gpm

N-4111. (C-7) Otto Tepe, north of Wilson Avenue and east of Whale Neck Road, East Meadow. Drilled by Cornelius Keck, April 17, 1953.

Log:	Thickness (feet)	Depth (feet)
Above ground	1	1
Sandy loam	2	3

N-4111. (Continued)	Thickness (feet)	Depth (feet)
Coarse sand and coarse gravel	13	16
Coarse sand and medium gravel	9	25
Coarse sand	5	30
Coarse sand and medium gravel	5	35
Medium gravel and very little coarse sand	5	40
Casing: 6 inches.		
Screen: 10 5/6 feet of 4 inch with bottom at 40 feet.		
Pumping test:		
April 17, 1953. Duration:		2 hours
Static water level:		16 feet
Drawdown:		12 feet
Yield:		300 gpm

N-4118. (C-6) West Hempstead-Hempstead Gardens Water District, south of Willow Street and west of Birch Street, Hempstead. Drilled by C. W. Lauman & Co., Inc., December 10, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam	3	3
Coarse brown sand, grits, gravel	30	33
Coarse brown sand, grits, lumps clay	6	39
Medium coarse brown sand and grits	31	70
Coarse brown sand, grits, gravel	12	82
Solid gray clay and shells	4	86
Solid gray clay	6	92
Coarse brown sand, grits, gravel	54	146
Coarse gray sand, grits, gravel	66	212
Casing: 16 inches.		
Screen: 57½ feet of 12 inch with bottom at 204 feet.		
Pumping test:		
June 29, 1953. Duration:		7 hours
Static water level:		22½ feet
Drawdown:		21 feet
Yield:		1300 gpm

N-4120T. (C-5) Jamaica Water Supply Co., northeast corner Francis Drive and Franklin Avenue, Franklin Square. Drilled by Layne-New York Co., Inc., June 18, 1953.

Log:	Thickness (feet)	Depth (feet)
Red and brown sand	10	10
Brown sand and gravel	36	46
Gravel	4	50
Gray sand	10	60
Dark green sand	15	75
Brown sand and gravel	2	77
Muddy white sand	11	88
White clay	4	92
Muddy white sand	46	138
White clay	2	140
Muddy white sand	37	177
Black clay	8	185
Sand and clay	51	236
Blue clay	8	244

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N-4120T. (Continued)		
	Thickness (feet)	Depth (feet)
Sand	12	256
Clay	12	268
Sandy clay	32	300
Fine to medium sand	28	328
Sand and some clay	22	350
Streaks of coarse sand and clay	54	404
Clay—tough	6	410
Sand coarse	38	448
Clay	10	458
Casing: 8 inches.		
Screen: 30 feet of 8 inch with bottom at 458 feet.		

N-4125. (D-6) Colonial Sand & Stone, Shore Road, Port Washington. Drilled by E. K. Hutchinson & Son, April 15, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and loam	10	10
Clay and sand	150	160
Sand, gravel and clay (mixed)	65	225
Coarse gravel and water	44	269
Casing: 8 inches.		
Screen: 20 feet of 7 $\frac{5}{8}$ inch with bottom at 255 feet.		
Pumping test:		
March 19, 1953. Duration:		4 hours
Static water level:		32 feet
Drawdown:		20 feet
Yield:		400 gpm

N-4126. (C-6) Hempstead High School, south of Prospect Street and west of Henry Street, Hempstead. Drilled by E. K. Hutchinson & Son, September 25, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	60	60
Casing: 8 inches.		
Screen: 10 feet of 7 $\frac{5}{8}$ inch with bottom at 60 feet.		
Pumping test:		
April 14, 1953. Duration:		1 hour
Static water level:		12 feet
Drawdown:		2 feet
Yield:		150 gpm

N-4127. (C-6) Associated Food Stores, c/o Mallow Food Corporation, north of Francis Street and east of Hempstead Avenue, Malverne. Drilled by Eastern Well & Pump Co., March 30, 1953.

Log:	Thickness (feet)	Depth (feet)
Medium coarse brown sand and gravel	25	25
Fine to medium sand, few grits and gravel	22	47
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 50 feet.		

N-4127. (Continued)

Pumping test:
March 30, 1953. Duration: 2 hours
Static water level: 16½ feet
Yield: 61 gpm

N-4128. (D-5) Setman Realty Corporation—Food Fair Stores, Northern Boulevard, Manhasset. Drilled by C. W. Lauman & Co., Inc., April 29, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam, sand, stones and boulders	4	4
Coarse brown sand and gravel	28	32
Hard packed sand, gravel and stones	10	42
Coarse brown sand and gravel	46	88
Hard packed sand and clay	6	94
Yellow sand, clay and grits	16	110
Very fine yellow brown sand, mica, some clay	7	117
Coarse brown sand, grits, layers of sandy clay	4	121
Sand, clayey	36	157
Sharp brown sand and hardpan	21	178
Very fine gray sand and sandy clay	4	182
Very fine brown sand and sandy clay	3	185
Very fine reddish sand and hardpan, sandy clay	3	188
Very fine gray sand and sandy clay	8	196
Very fine brown sand, sandy clay and hardpan	9	205

Casing: 8 inches.

Screen: 20 feet of 8 inch with bottom at 205 feet.

Pumping test:
April 27, 1953. Duration: 5 hours
Static water level: 99 feet
Drawdown: 55 feet
Yield: 178 gpm

N-4129. (C-7) P. Mockavitz, south of Jerusalem Avenue and east of Bellmore Avenue, Bellmore. Drilled by Fred Habenicht & Sons, March 2, 1953.

Log:	Thickness (feet)	Depth (feet)
Pit	8	8
Coarse yellow sand and gravel	31	39

Casing: 4 inches.

Screen: 10 feet of 3¾ inch with bottom at 39 feet.

Pumping test:
March 2, 1953. Duration: 3 hours
Static water level: 12 feet
Drawdown: 7 feet
Yield: 65 gpm

N-4131. (D-7) George Smith, north of Park Street and west of Garden Street, New Cassel. Drilled by Mathies Well & Pump Co., Inc., March 20, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Heavy gravel	30	31

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N-4131. (Continued)

	Thickness (feet)	Depth (feet)
Solid yellow clay	3	34
Yellow clay and sand	24	58
Solid yellow clay	9	67
Fine sand and chunks of clay	2	69
Fine lively sand	8	77

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 77 feet.

Pumping test:

March 20, 1953. Duration: 2 hours
Yield: 10 gpm

N-4132. (B-6) Long Island Water Corporation—Well No. 7, north of Portland Avenue and west of Grove Street, Baldwin. Drilled by Layne-New York Co., Inc., June 15, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill	10	10
Fine sand and gravel	49	59
Clay, sand, streaks	49	108
Sand	12	120
Fine sand, clay streaks	110	230
Hard sand, clay	15	245
Clay	4	249
Hard sandy clay	23	372
Tough clay	8	380
Hard fine sand	20	400
Clay	3	403
Hard fine sand, clay	29	432
Fine hard sand	22	454
Medium sand, hard	44	498
Clay	4	502
Medium sand, hard	23	525
Muddy sand	15	540
Hard sandy clay streaks	40	580
Sand, fine gravel, streaks of clay	42	622
Clay	9	631

Casing: 24, 18 and 12 inches.

Screen: 70 feet of 12 inch with bottom at 619 feet.

Pumping test:

June 15, 1953. Duration: 8 hours
Static water level: 10 feet
Drawdown: 51 feet
Yield: 1400 gpm

N-4133. (D-7) Jericho Water District, south of Syosset Circle and west of Colony Lane, Locust Grove. Drilled by Layne-New York Co., Inc., May 28, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse sand, gravel and boulders	31	31
Coarse sand, hard streaks of gravel and boulders	64	95
Coarse brown sand, streaks of large gravel	45	140
Large gravel and boulders	34	174

N-4133. (Continued)	Thickness (feet)	Depth (feet)
Gravel and clay	10	184
Gravel, clay and boulders	10	194
Fine sand	26	220
Sand, gravel and clay	15	235
Tough clay	11	246
Clay, sand and gravel	8	254
Sandy clay, streaks of gravel and hard clay	24	278
Coarse gravel	53	331
Coarse gravel, boulders and white clay	16	347
Sandy clay	40	387
Coarse sand and gravel	69	456
Sand and clay	19	475

Casing: 24 inches.

Screen: 50 feet of 12 inch with bottom at 450 feet.

Pumping test:

May 28, 1954. Duration: 8 hours
 Static water level: 102 feet
 Drawdown: 56 feet
 Yield: 1000 gpm

N-4134. (C-6) H. C. Bohack Co., Inc., south of Front Street and east of Uniondale Avenue, Hempstead. Drilled by Sweeney & Gray Co., Inc., March 13, 1953.

Log:	Thickness (feet)	Depth (feet)
Basement	10	10
Sand	37	47

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 47 feet.

N-4136. (E-7) Oyster Bay Water District, north of Shore Road, Oyster Bay. Drilled by Long Island Water Supply Co.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Black silt	12	15
Brown sand and small gravel	5	20
Brown sand and medium gravel	15	35
Brown sandy clay	5	40
Brown clay	24	64
Gray clay	36	100
Brown sandy clay	59	159
Brown sand and gravel (muddy)	10	169
Brown sandy clay	15	184
Brown fine sandy clay	6	190
Gray clay (hard)	42	232
Brown fine sand	33	265
Brown sand and heavy gravel	5	270
Red sand and medium gravel	7	277
Brown fine sand (few grits)	9	286
Brown fine sand and no grits	24	310

Note: Well abandoned.

N-4137. (E-7) Oyster Bay Water District, Shore Road, Oyster Bay. Drilled by Long Island Water Supply Co., April 28, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Black silt	5	8
Sand and gravel (brown)	27	35
Brown sandy clay	30	65
Gray clay	25	90
Brown clay	15	105
Brown sandy clay (some gravel)	5	110
Brown clay	15	125
Brown sandy clay with grits	15	140
Brown sandy clay	5	145
Brown sandy clay (some gravel)	15	160
Brown coarse sand and gravel	1	161
Brown coarse sand and gravel	2	163
Red sand and gravel	2	165
Brown sand and gravel (coarse)	20	185
Fine brown sand and gravel	3	188

Casing: 12 inches.

Screen: 25 feet of 12 inch with bottom at 188 feet.

Pumping test:

April 28, 1953. Duration: 8 hours
 Drawdown: 142 feet
 Yield: 400 gpm

Note: Well flows.

On May 17, 1955 water reported unsatisfactory and well will not be used.

N-4138. (C-7) Keen Shopping Center, north of North Jerusalem Avenue and west of Spring Avenue, Levittown. Drilled by C. W. Lauman & Co., Inc., June 4, 1953.

Log:	Thickness (feet)	Depth (feet)
Basement	10	10
Medium coarse, light brown sand and gravel	44	54

Casing: 6 inches.

Screen: 8½ feet of 6 inch with bottom at 44½ feet.

Pumping test:

May 6, 1953. Duration: 2 hours
 Static water level: 5 feet
 Drawdown: 8 feet
 Yield: 110 gpm

N-4139. (C-7) Wantagh Fire District, south of Carrolton Avenue and east of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 31, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam	3	3
Fine dark brown sand, small grits and gravel	8	11
Coarse light brown sand, grits and gravel	19	30
Coarse dark brown sand, grits and gravel	13	43

Casing: 4 inches.

Screen: 21 feet of 4 inch with bottom at 43 feet.

N-4139. (Continued)

Pumping test:
 March 31, 1953. Duration: 4 hours
 Static water level: 8½ feet
 Drawdown: 4 feet
 Yield: 100 gpm

N-4140. (B-6) Sawyer & Dolfinger, c/o Bohack Store, north of St. Lukes Place and west of Grand Avenue, Baldwin. Drilled by Mathies Well & Pump Co., Inc., July 6, 1953.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	23	23
Gray clay and clam shells	31	54
Gray clay	4	58
Coarse sand, grits and gray clay water	9	67

Casing: 6 inches.
 Screen: 7 feet of 5¾ inch with bottom at 66 feet.

Pumping test:
 July 6, 1953. Duration: 2 hours
 Static water level: 5 feet
 Drawdown: 16½ feet
 Yield: 90 gpm

N-4141. (E-7) Edward A. Tully, Sr., Bayville Road and Centre Island Road, Centre Island. Drilled by Long Island Water Supply Co., May 8, 1953.

Log:	Thickness (feet)	Depth (feet)
Fine sand	12	12
Clay	11	23
Sand and grit	23	46
Sand and gravel	64	110
White clay	5	115
Fine sand—muddy	11	126
Fine (red) sand	11	137
Red clay	43	180
Gray clay	10	190
Brown clay	51	241
Gray clay	9	250
Brown clay	10	260
Red clay	25	285
Gray clay	10	295
Water bearing sand	10	305
Sand and gravel	45	350

Casing: 8 inches.
 Screen: 10 feet of 6 inch with bottom at 350 feet.

Pumping test:
 May 4, 1953. Duration: 4 hours
 Static water level: 3 feet
 Drawdown: 27 feet
 Yield: 150 gpm

N-4142. (B-5) A. Klonsky, west of Lefferts Road and north of Cedar Road, Hewlett Bay Park. Drilled by Fred Habenicht & Sons, Inc., April 13, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Yellow sand	26	28
Bay bog	13	41
Black mud and clam shells	22	63
Very fine, gray silty sand	14	77
Coarse dirty gray sand	12	89
Casing: 4 inches.		
Screen: 8 feet of 4 inch with bottom at 87 feet.		
Pumping test:		
April 12, 1953. Duration:		2 days
		3 hours
Static water level:		6 feet
Drawdown:		18 feet
Yield:		73 gpm

N-4144. (D-6) King Kullen Store, north of Jericho Turnpike and west of Barwick Boulevard, Mineola. Drilled by C. W. Lauman & Co., Inc., October 14, 1953.

Log:	Thickness (feet)	Depth (feet)
Basement	10	10
Coarse sand, grits, gravel and large stones	20	30
Fine to coarse sand	10	40
Medium to coarse sand, grits and gravel	30	70
Fine to coarse sand	9	79
Casing: 6 inches.		
Screen: 11¼ feet of 6 inch with bottom at 68½ feet.		
Pumping test:		
September 29, 1953. Duration:		2 hours
Static water level:		21 feet
Drawdown:		9 feet
Yield:		91 gpm

N-4146. (D-8) Bethpage Water District, north of Floral Avenue and east of Adams Avenue, Bethpage. Drilled by C. W. Lauman & Co., Inc., October 11, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Fine to coarse sand, grits and gravel	33	35
Fine to medium brown sand, mica and hardpan	20	55
Fine brown sand and mica	9	64
Medium to coarse brown sand, grits and mica	16	80
Medium to coarse brown sand, grits, hardpan multi-colored clay and mica	19	99
Fine brown sand, mica and some clay	6	105
Fine brown sand, mica, hardpan and multi-colored clay	18	123
Fine brown sand and some mica	4	127
Fine to medium brown sand, streaks of sandy clay and hardpan	8	135
Solid and sandy multi-colored clay	4	139
Solid dark gray clay	2	141
Fine gray sand, mica and lumps of clay	6	147

N-4146. (Continued)

	Thickness (feet)	Depth (feet)
Fine to medium brown sand, mica, lumps of clay	10	157
Fine to medium gray sand and mica	9	166
Fine to medium brown sand, hardpan, multi-colored sandy clay	2	168
Hard multi-colored sandy clay and hardpan	8	176
Fine brown sand, mica and lumps of multi-colored sandy clay	4	180
Fine brown sand, mica, streaks of clay	9	189
Fine brown sand and mica	3	192
Fine to medium brown sand, hardpan, lumps of multi- colored sandy clay and mica	12	204
Fine brown sand, sandy clay, hardpan and mica	4	208
Fine brown sand, mica, hardpan and some clay	8	216
Fine brown sand, mica, hardpan and streaks of clay	10	226
Fine brown sand, mica and hardpan	9	235
Solid gray clay	3	238

Casing: 16 inches.

Screen: 58¾ feet of 12 inch with bottom at 212 feet.

Pumping test:

October 11, 1956.	Duration:	8 hours
	Static water level:	50 feet
	Drawdown:	28 feet
	Yield:	1480 gpm

N-4149. (B-7) U. S. Geological Survey, Merrick Avenue and Extension, Merrick. Drilled by C. W. Lauman & Co., Inc., July 7, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Bog	1	4
Coarse brown sand, grit and gravel	34	38
Solid gray clay	11	49
Layers of fine gray sand and solid clay	19	68
Medium coarse gray sand and streaks of lignite	43	111
Layers of medium coarse gray sand and solid clay	10	121
Layers of fine gray sand and solid clay	8	129
Medium fine gray sand	52	181
Fine gray sand and streaks of clay	19	210
Solid gray clay	9	219
Layers of medium fine gray sand and solid clay	22	241
Fine gray sand and some clay	17	258
Solid gray clay and streaks of fine gray sand	23	281
Medium fine gray sand and streaks of lignite	10	291
Solid black clay and streaks of fine gray sand	27	318
Fine gray sand, layers of solid clay, sandy clay and lignite	26	344
Solid black clay	12	356
Medium gray sand, layers of fine gray sandy clay, mica, lignite	59	415
Fine gray sand, mica, some clay	15	430
Fine gray sandy clay, lignite	27	457
Fine gray sandy clay, layers of solid clay, lignite	42	499
Medium fine gray sand, some mica	20	519
Fine gray sand, some clay	19	538
Solid clay	5	543
Medium fine gray sand, streaks of lignite	51	594

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N-4149. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, streaks of clay, lignite, pyrite	24	618
Medium fine gray sand, streaks of clay and lignite	40	658
Solid gray clay, streaks of lignite	21	679
Medium fine gray sand, streaks of lignite and clay	40	719
Coarse gray sand, clay, large gravel	17	736
Layers of light gray solid clay and sandy clay	9	745
Solid gray clay, streaks of coarse sand and gravel	28	773
Light gray sandy clay	11	784
Fine gray sand and some clay	16	800
Hard gray sandy clay, layers of solid clay, lignite	15	815
Fine gray sandy clay	9	824
Fine gray sand, some clay	9	833
Fine gray sandy clay, streaks of lignite	23	856
Solid gray clay, streaks of sandy clay, lignite	22	878

Casing: 10 inches.

Screen: 22 feet of 6 inch with bottom at 583 feet.

Pumping test:

September 28, 1953. Duration:	7½ hours
Static water level:	flows
Drawdown:	21 feet
Yield:	127 gpm

N-4150. (B-7) United States Geological Survey, (Out-Post Well), south of Merrick Road and west of Buffalo Avenue, Freeport. Drilled by C. W. Lauman & Co., Inc., February 2, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Bog	9	12
Coarse brown sand, grit and gravel	10	22
Coarse gray sandy grit, gravel and lumps of clay	16	38
Fine gray sandy clay and streaks of solid clay	7	45
Layers of fine gray sand and clay	6	51
Medium coarse gray sand, streaks of lignite	21	72
Fine gray sand, some mica	7	79
Medium coarse gray sand, streaks of clay	31	110
Solid clay, lignite and medium coarse gray sand	6	116
Medium coarse gray sand	20	136
Fine gray sand, some clay and mica	32	168
Medium gray sand, traces of lignite	9	177
Fine gray sand, some clay, layers of lignite	18	195
Solid dark gray clay, layers of lignite	13	208
Medium gray sand, some clay, lignite	25	233
Medium gray sand, layers of solid clay, lignite	11	244
Solid gray clay, layers of fine gray sand	7	251
Fine gray sand, clay, layers of lignite	14	265
Medium gray sand, some clay	20	285
Fine gray sand, mica, layers of clay and lignite	31	316
Layers of solid clay, sandy clay and lignite	18	334
Medium fine gray sand	31	365
Fine gray sand and clay	11	376
Medium fine gray sand, layers of lignite and pyrite	7	383
Fine gray sandy clay, streaks of lignite	20	403
Fine gray sand, streaks of lignite	41	444
Solid gray clay, streaks of sandy clay	11	455
Fine gray sand, mica, streaks of lignite	15	470
Medium fine gray sand	22	492

N-4150. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sandy clay	14	506
Medium fine gray sand, streaks of lignite	32	538
Gray sandy clay, mica	30	568
Solid gray clay, layers of lignite	12	580
Fine gray sand, clay, mica, streaks of brown clay	7	587
Gray sandy clay, streaks of solid clay	11	598
Fine gray sand, clay, mica	8	606
Solid gray clay, streaks of gray sand	25	631
Medium fine gray sand	8	639
Layers of fine gray sand, sandy clay and lignite	14	653
Medium fine gray sand, streaks of lignite	8	661
Coarse gray sand, grits, some clay	6	667
Solid gray clay	14	681
Coarse gray sand, grit, some clay (very dirty)	22	703
Fine gray sand	10	713
Medium coarse gray sand	17	730
Coarse gray sand, gravel, layers of solid clay	23	753
Solid gray clay	12	765
Fine gray sandy clay, mica	17	782
Medium gray sand, mica, some clay	11	793
Solid hard multi-color clay	32	825

Casing: 15, 10 and 6 inches.

Screen: 15 $\frac{2}{3}$ feet of 6 inch with bottom at 745 feet.

Pumping test:

February 1, 1954. Duration: 1 day 6 hours
 Static water level: 4 feet above grade
 Drawdown: 37 feet
 Yield: 340 gpm

N-4151. (C-5) Jasco Aluminum Products Corporation, south of Jericho Turnpike and west of Nassau Terminal Road, New Hyde Park. Drilled by Mathies Well & Pump Co., Inc., April 13, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill	1	1
Loam	3	4
Coarse sand and gravel	65	69

Casing: 4 inches.

Screen: 5 feet of 3 $\frac{3}{4}$ inch with bottom at 67 feet.

Pumping test:

April 13, 1953. Duration: 2 hours
 Static water level: 36 $\frac{1}{3}$ feet
 Drawdown: 7 feet
 Yield: 60 gpm

N-4153. (C-6) First Federal Savings & Loan Association, south of Fulton Avenue and west of High Street, Hempstead. Drilled by Eastern Well & Pump Co., May 22, 1953.

Log:	Thickness (feet)	Depth (feet)
Pit	10	10
Sand and gravel	44	54

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N-4153. (Continued)

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 54 feet.

Pumping test:

May 22, 1953. Duration: 3 hours
 Static water level: 5 feet
 Yield: 150 gpm

N-4154. (D-7) A. Allen, north of John Street and west of Cantiague Road, Westbury.
 Drilled by Fred Habenicht & Sons, April 24, 1953.

Log:	Thickness (feet)	Depth (feet)
Pit	6	6
Very coarse sand	21	37
Yellow sand	54	91
Dry blue clay	2	93
Hard-packed brown coarse gravel	5	98
Well point	3	101

Casing: 4 inches.

Screen: 3 feet of 2 inch with bottom at 101 feet.

Pumping test:

April 21, 1953. Duration: 3 hours
 Static water level: 79 feet
 Yield: 4 gpm

N-4173. (D-5) Sperry Gyroscope Company, south of Marcus Avenue and east of Lakeville Road, Lake Success. Drilled by Layne-New York Co., Inc., July 1, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and boulders	67	67
Brown sand and boulders	26	93
Clay	3	96
Streaks of sand and clay	10	106
Sand and gravel	12	118
Clay	4	122
Streaks of sand and gravel	36	158
Streaks of sand and clay	46	204
Sand and gravel	51	255
Sand, gravel and clay	22	277

Casing: 30 inches.

Screen: 30 feet of 12 inch with bottom at 255 feet.

Pumping test:

July 1, 1954. Duration: 8 hours
 Static water level: 64 feet
 Drawdown: 36 feet
 Yield: 1190 gpm

N-4175. (D-8) J. Geracci, Kenner Road and Evergreen Street, Bethpage. Drilled by Fred Habenicht & Sons, May 19, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Sand and pebbles	35	37

N-4175. (Continued)

	Thickness (feet)	Depth (feet)
Very coarse sand	12	49
White sand and gravel	12	61
Coarse yellow sand and pebbles	4	65
Well point	4	69

Casing: 4 inches.

Screen: 4 feet of 2 inch with bottom at 68 feet.

Pumping test:

May 18, 1953.	Duration:	2 hours
	Static water level:	54 feet
	Yield:	4 gpm

N-4176. (C-8) Corte's Restaurant, east of Broadway at South Oyster Bay Road, Bethpage.
Drilled by C. W. Lauman & Co., Inc., October 6, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil	4	4
Coarse white sand and gravel	34	38
Dark, rusty sand and gravel	6	44
White and brown sand and gravel	116	160
Coarse sand	18	178
Fine white sand	10	188
Coarse white gravel	10	198
Sand and gravel	9	207
Gray clay	14	221
Fine sand	76	297
Fine white sand	8	309

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 309 feet.

Pumping test:

July 2, 1953.	Duration:	2 hours
	Static water level:	43½ feet
	Drawdown:	27 feet
	Yield:	60 gpm

N-4178. (C-6) Long Island Lighting Co., Old Country Road, Mineola. Drilled by Eastern
Well & Pump Co., July 9, 1953.

Log:	Thickness (feet)	Depth (feet)
Basement	14	14
Medium to coarse brown sand	70	84

Casing: 8 inches.

Screen: 15 feet of 6 inch with bottom at 83 feet.

Pumping test:

July 9, 1953.	Duration:	4 hours
	Static water level:	16¾ feet
	Yield:	270 gpm

N-4180. (D-7) New Cassel Blouse Co., south of Grand Boulevard and east of Covert Street, New Cassel. Drilled by Eastern Well & Pump Co., June 15, 1953.

Log:	Thickness (feet)	Depth (feet)
Brown, dirty sand and clay	2	2
Coarse brown sand and grit	3	5
Coarse brown sand, grit and gravel	17	22
Hard, brown solid clay	8	30
Very fine sandy brown clay and silt	13	43
Heavy layer of hardpan	2	45
Fine to medium dirty sand, some clay, hardpan grits	4	49
Fine brown sand, lumps clay and mica	3	52
Very fine, silty brown sand	3	55
Solid brown clay	2	57
Dirty, fine, brown sand	4	61
Fine to medium light brown sand	2	63
Dirty, brown sand, mica, hardpan and clay	10	73
Solid brown clay	3	76
Fine to medium brown sand, fairly clean and sharp	14	90
Solid, grayish-brown clay	2	92
Casing: 6 inches.		
Screen: 10 feet of 4 inch with bottom at 92 feet.		
Pumping test:		
June 15, 1953. Duration:		2 hours
Static water level:		30 feet
Yield:		69 gpm

N-4182. (C-6) Raceway Diner, north of Old Country Road and west of Albany Avenue, Westbury. Drilled by Fred Habenicht & Sons, June 1, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand	56	56
Clay at this level		56
Casing: 4 inches.		
Screen: 8 feet of 4 inch with bottom at 56 feet.		
Pumping test:		
June 1, 1953. Duration:		4 hours
Static water level:		41 feet
Yield:		15 gpm

N-4193. (E-7) Joe Dee's, north of E. Main Street and east of South Street, Oyster Bay. Drilled by E. K. Hutchinson & Son, March 25, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam and gravel	20	20
Fine sand and gravel	30	50
Clay	25	75
Sand and gravel	25	100
Casing: 6 inches.		
Screen: 10 feet of 55/8 inch with bottom at 96 feet.		
Pumping test:		
June 3, 1953. Duration:		2 hours
Static water level:		4 feet
Drawdown:		24 feet
Yield:		100 gpm

N-4199. (D-8) Harry Ernenwein, Old Country Road and Round Swamp Road, Plainview.
 Drilled by Mathies Well & Pump Co., Inc., June 19, 1953.

Log:	Thickness (feet)	Depth (feet)
Medium clean sand	60	60
Medium sand, few gravel and clay balls	19	79
Coarse sand and gravel	25	104
Hardpan	6	110
Fine sandy clay	14	124
Fine red sand and lumps of clay	7	131
Very fine red sand and lumps of clay	6	137

Casing: 4 inches.

Screen: 6 feet of 17/8 inch with bottom at 131 feet.

Pumping test:

June 1, 1953.	Duration:	4 hours
	Static water level:	102 feet
	Drawdown:	2 feet
	Yield:	12 gpm

N-4201. (C-6) Frostland, north of North Franklin Avenue and west of Long Island Railroad, Hempstead. Drilled by Fred Habenicht & Sons, September 6, 1953.

Log:	Thickness (feet)	Depth (feet)
Well pit	6	6
Sand and gravel (gas odor present)	26	32
Black sand	10	42

Casing: 4 inches.

Screen: 8 feet of 4 inch with bottom at 42 feet.

Pumping test:

September 3, 1953.	Duration:	3 hours
	Static water level:	12 feet
	Drawdown:	10 feet
	Yield:	40 gpm

N-4206. (D-6) Carle Place Water District, north of Asbury Avenue and west of Cherry Lane, Carle Place. Drilled by Layne-New York Co., Inc., August 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Heavy gravel	59	59
Yellow clay and sand	100	159
Black and gray clay	8	167
Gray clay and sand	41	208
Sandy clay	24	232
Sand and gravel	6	238
Sand, gravel and streaks clay (white)	32	270
Sand and gravel	8	278
Clay	2	280
Sandy clay	10	290
White clay	6	296
Coarse gravel and sand	62	358
Sandy clay	10	368

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N-4206. (Continued)

Casing: 24 inches.

Screen: 50 feet of 10 inch with bottom at 355 feet.

Pumping test:

August 5, 1954. Duration: 8 hours
 Static water level: 31 feet
 Drawdown: 29 feet
 Yield:1000 gpm

N-4210. (C-7) Philip Cohen & Sons, northeast of Jerusalem Road and Ennebrock Road, East Meadow. Drilled by Eastern Well & Pump Co., December 8, 1953.

Log:	Thickness (feet)	Depth (feet)
Basement	7	7
Sand and gravel	29	36

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 35 feet.

Pumping test:

November 30, 1953. Duration: 2 hours
 Static water level: 8 feet
 Yield: 69 gpm

N-4214. (C-6) Olton Realty Corporation, east of Old Country Road and south of Washington Avenue, Garden City. Drilled by Mathies Well & Pump Co., Inc., July 20, 1953.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and heavy gravel	55	55
Fine sand and some gravel	13	68

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 68 feet.

Pumping test:

July 20, 1953. Duration: 6 hours
 Static water level: 34½ feet
 Drawdown: 4½ feet
 Yield: 80 gpm

N-4215. (D-6) Levitt & Sons, Inc., north of Club Drive and east of Field Lane, Roslyn. Drilled by Mathies Well & Pump Co., Inc., May 10, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Coarse sand and gravel	94	96
Lumps of white clay and fine sand	1	97
Fine sand — clean and lively	7	104

Casing: 6 inches.

Screen: 16 feet of 6 inch with bottom at 103 feet.

Pumping test:

May 10, 1954. Duration 4 hours
 Static water level: 52 feet
 Yield: 150 gpm

N-4218. (C-6) Joseph H. Cohen, south of Hempstead Turnpike and east of Peach Grove Drive, West Hempstead. Drilled by Eastern Well & Pump Co., September 17, 1953.

Log:	Thickness (feet)	Depth (feet)
Pit	7	7
Sand and gravel	27	34
Casing: 4 inches.		
Screen: 4 feet of 4 inch with bottom at 34 feet.		
Pumping test:		
September 17, 1953. Duration:	2	hours
Static water level:	12 ³ / ₄	feet
Yield:	30	gpm

N-4220. (D-6) Roslyn Savings Bank, south of Northern Boulevard and west of Broadway, Roslyn. Drilled by Eastern Well & Pump Co., December 8, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Solid brown clay	2	5
Brown sand and gravel	19	24
Casing: 6 inches.		
Screen: 4 feet of 4 inch with bottom at 23 feet.		
Pumping test:		
December 8, 1953. Duration:	2	hours
Static water level:	5	feet
Yield:	25	gpm

N-4221. (C-7) Leider Shop Park, Inc., south of Hempstead Turnpike and west of Gardiners Avenue, Levittown. Drilled by Mathies Well & Pump Co., Inc., July 24, 1953.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	41	41
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 41 feet.		
Pumping test:		
July 24, 1953. Duration:	2	hours
Static water level:	12	feet
Drawdown:	7	feet
Yield:	75	gpm

N-4223. (D-5) Port Washington Water District, south of Wakefield Avenue and west of Emerson Court, Port Washington. Drilled by C. W. Lauman & Co., Inc., March 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Loam, large gravel and nigger heads	10	11
Coarse brown sand, grits, gravel, boulders	21	32
Coarse brown sand, large gravel and lumps of clay	7	39
Coarse brown sand and large gravel	20	59
Solid gray clay	9	68

(Continued on next page)

N-4223. (Continued)

	Thickness (feet)	Depth (feet)
Layers of medium coarse gray sand and clay	15	83
Solid gray clay	18	101
Medium coarse sand, grits and gravel	35	136
Fine brown sand and streaks of clay	29	165
Streaks of solid brown clay and sand	9	174
Medium fine brown sand	12	186
Fine brown sand and streaks of clay	9	195
Medium fine brown sand	4	199
Medium coarse brown sand, grits and gravel	128	327
Solid gray clay streaks, medium coarse sand	4	331
Coarse brown sands, grits, gravel, clay	9	340
Streaks fine sand, sandy clay, solid clay	6	346
Fine brown sand	5	351
Fine white sand, some clay	6	357
Medium fine brown sand	13	370
Solid light gray, streaks sandy clay	6	376
Fine gray sandy clay	5	381
Medium fine brown sand, some clay	5	386
Solid multi-color clay	35	421
Pink sandy clay	17	438
Solid multi-color clay	38	476
Layers hardpan, medium coarse	27	503
Brown sand and clay	4	507
Solid light gray clay	3	510

Casing: 20 and 12 inches.

Screen: 53 feet of 12 inch with bottom at 330 feet.

Pumping test:

March 27, 1954.	Duration:	8	hours
	Static water level:	172	feet
	Drawdown:	20½	feet
	Yield:	700	gpm

N-4225. (C-7) Israel Community Center, north of Hempstead Turnpike and west of Jerusalem Avenue, Levittown. Drilled by C. W. Lauman & Co., Inc., August 11, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand, clay, grits	2	2
Sand, grits, gravel	39	41

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 41 feet.

Pumping test:

July 22, 1953.	Duration:	2	hours
	Static water level:	27	feet
	Yield:	30	gpm

N-4226. (B-6) Ross Court, south of Sunrise Highway and west of Lewis Avenue, Rockville Centre. Drilled by C. W. Lauman & Co., Inc., July 31, 1953.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and gravel	30	30
Very fine brown sand	8	38
Coarse brown sand and gravel	15	53
Fine brown sand		below 53

N-4226. (Continued)

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 52 feet.

Pumping test:

July 24, 1953. Duration: 2 hours
Static water level: 13 feet
Drawdown: 9 feet
Yield: 85 gpm

N-4228. (B-5) Beth Sholom Congregation, south of Broadway and west of Washington Avenue, Lawrence. Drilled by C. W. Lauman & Co., Inc., September 25, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Medium coarse light brown sand and some gravel	8	13
Medium fine light brown sand	3	16
Medium coarse light brown sand and plenty of gravel	7	23
Medium fine light brown sand and some gravel	17	40
Coarse brown sand, gravel and clay		below 40

Casing: 4 inches.

Screen: 10½ feet of 4 inch with bottom at 40 feet.

Pumping test:

July 28, 1953. Duration: 4 hours
Static water level: 11 feet
Drawdown: 9 feet
Yield: 60 gpm

N-4229. (D-6) Sam Kuttner, north of Westwood Circle and east of Power House Road, Roslyn. Drilled by Mathies Well & Pump Co., Inc., August 10, 1953.

Log:	Thickness (feet)	Depth (feet)
Pit	5	5
Coarse sand, dirty gravel and large stones	10	15
Coarse sand, clean gravel and large stones	23	38
Coarse sand, gravel and large stones with clay	25	63
Coarse sand, gravel and large stones	28	91
Coarse sand and gravel (clean)	20	111
Medium sand, grits and clean gravel	14	125

Casing: 6 inches.

Screen: 5 feet of 5⅝ inch with bottom at 119½ feet.

Pumping test:

August 10, 1953. Duration: 2 hours
Static water level: 94 feet
Drawdown: 7 feet
Yield: 72 gpm

N-4231. (D-6) Westbury Valet Co., Inc., north of Long Island Railroad and west of Post Avenue, Westbury. Drilled by C. W. Lauman & Co., Inc., January 30, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Coarse brown sand and gravel	21	25
Medium coarse brown sand and some gravel	12	37

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N-4231. (Continued)

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 37 feet.

Pumping test:

August 8, 1953. Duration: 2 hours
 Static water level: 18 feet
 Drawdown: 6½ feet
 Yield: 30 gpm

N-4232. (E-7) Robert Pittis, Cove Neck Road and Private Road, Cove Neck. Drilled by C. W. Lauman & Co., Inc., November 4, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam	5	5
Sandy clay and stones	13	18
Medium fine sand, mica, very few grits	14	32
Coarse sand, grits	16	48
Coarse sand, grits and gravel	6	54
Traces of clay with heavy gravel and stones at		54

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 54 feet.

Pumping test:

October 31, 1953. Duration: 2 hours
 Static water level: 9 feet
 Drawdown: 17 feet
 Yield: 60 gpm

N-4233. (C-5) Dans Supreme Super Market Inc., east of North Central Avenue and north of Hendrickson Avenue, Valley Stream. Drilled by Eastern Well & Pump Co.

Log:	Thickness (feet)	Depth (feet)
Clean sharp medium coarse sand, some gravel	33	33

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 32 feet.

Pumping test:

July 28, 1953. Duration: 2 hours
 Static water level: 6½ feet
 Yield: 60 gpm

N-4237. (B-6) Otto Winther, c/o Associated Food Stores, south of St. Marks Avenue and west of Atlantic Avenue, Freeport. Drilled by Mathies Well & Pump Co., Inc., July 28, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill	1	1
Top soil	1	2
Coarse sand and gravel	2	4
Coarse sand	26	30

Casing: 4 inches.

Screen: 5 feet of 3¾ inch with bottom at 28¾ feet.

Pumping test:

July 28, 1953. Duration: 2 hours
 Static water level: 7 feet
 Yield: 72 gpm

N-4243. (D-5) Manhasset-Lakeville Water District, north of Northern State Parkway and east of Lakeville Road, Lake Success. Drilled by Layne-New York Co., Inc., August 28, 1953.

Log:	Thickness (feet)	Depth (feet)
Clay	10	10
Boulders	4	14
Hardpan	23	37
Sand, gravel and boulders	54	91
Clay	18	109
Clay and some sand	30	139
Fine sand and clay	41	180
Clay	14	194
Coarse sand and gravel	63	257
Sand, gravel and clay	18	275

Casing: 30 inches.

Screen: 50 feet of 12 inch with bottom at 255 feet.

Pumping test:

August 28, 1953. Duration: 8 hours
 Static water level: 71 feet
 Drawdown: 17 feet
 Yield:1056 gpm

N-4245. (D-7) Jericho Water District, south of Jericho Turnpike and west of Mead Lane, Jericho. Drilled by Layne-New York Co., Inc., February 17, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel and boulders	150	150
Sand, gravel and clay	220	370
Clay	17	387
Hard sand and clay	32	419
Clay	12	431
Sandy clay	19	450
Sand	58	508
Sandy clay	10	518
Sand and gravel	49	567
Clay	5	572
Sandy clay	33	605

Casing: 18 inches.

Screen: 40 feet of 12 inch with bottom at 605 feet.

Pumping test:

November 12, 1953. Duration: 8 hours
 Static water level: 150 feet
 Drawdown: 43 feet
 Yield:1319 gpm

N-4246. (D-7) Jericho Water District, south of Robbins Lane and west of Fox Lane, Jericho. Drilled by Layne-New York Co., Inc., November 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil and sandy clay	9	9
Coarse sand, gravel, large boulders	31	40
Coarse yellow sand and gravel	35	75

(Continued on next page)

N-4246. (Continued)

	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel streaks, clay and boulders	25	100
Coarse sand and heavy gravel	20	120
Brown and white sand and gravel	10	130
Cemented gravel and boulders	10	140
Coarse sand and gravel	20	160
Brown clay	4	164
Fine yellow sand, thin streaks of clay	30	194
Tough blue clay	26	220
Hard white sandy clay	30	250
Fine sand and white clay gravel	21	271
Fine sand, gravel	9	280
Clay	10	290
Medium coarse sand	21	311
White clay	13	324
Fine to coarse white sand, clay streaks	16	340
White clay, sand and gravel	18	358
Coarse sand and gravel	12	370
White sand, streaks of white clay	30	400
Coarse sand and fine gravel	14	414
Coarse white sand and gravel, streaks of white clay	41	455
White clay	4	459
Black clay	6	465

Casing: 24, 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 453 feet.

Pumping test:

November 5, 1954. Static water level: 110 feet
 Drawdown: 36 feet
 Yield: 1140 gpm

N-4249. (B-5) West Long Beach Sewer District, north of Bay Boulevard and east of Second Street, Atlantic Beach. Drilled by Mathies Well & Pump Co., Inc., August 11, 1953.

Log:	Thickness (feet)	Depth (feet)
Beach sand	25	25

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 23 feet.

Pumping test:

August 11, 1953. Duration: 2 hours
 Static water level: 8½ feet
 Drawdown: 6½ feet
 Yield: 60 gpm

N-4257. (B-5) Congregation Sons of Israel, north of Central Avenue and west of Irving Place, Woodmere. Drilled by Mathies Well & Pump Co., Inc., April 24, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Heavy gravel and fine sand	3	8
Fine sand and large stones	3	11
Coarse sand and gravel	24	35
Fine sand and trace of clay	55	90
Black clay	30	120
Fine sand and clay	1	121

N-4257. (Continued)		Thickness (feet)	Depth (feet)
Green clay		2	123
Medium sand and small grits		9	132
Coarse sand and grits		11	143
Medium sand—black specks		2	145
Casing: 6 inches.			
Screen: 12 feet of 6 inch with bottom at 143 feet.			
Pumping test:			
April 22, 1954.	Duration:		8 hours
	Static water level:		23 feet
	Drawdown:		19 feet
	Yield:		150 gpm

N-4258. (B-5) J. Bernstein, east of Huntly Place and north of Herford Street, Hewlett.
 Drilled by Eastern Well & Pump Co., September 16, 1953.

Log:		Thickness (feet)	Depth (feet)
Sandy loam		2	2
Sand and gravel		11	13
Fine gray sand, few gravel		10	23
Light brown sand and gravel		28	51
Casing: 4 inches.			
Screen: 5 feet of 4 inch with bottom at 50½ feet.			
Pumping test:			
September 16, 1953.	Duration:		2 hours
	Static water level:		17½ feet
	Yield:		50 gpm

N-4262. (C-7) Henry Knabbe, south of Red Maple Drive and east of Wantagh Avenue,
 Wantagh. Drilled by Eastern Well & Pump Co., September 10, 1953.

Log:		Thickness (feet)	Depth (feet)
Sand and gravel		24	24
Casing: 4 inches.			
Screen: 4 feet of 4 inch with bottom at 24 feet.			
Pumping test:			
September 10, 1953.	Duration:		2 hours
	Static water level:		10 feet
	Yield:		25 gpm

N-4265. (D-6) Roslyn Water District, north of Garvan-Whitney Phipps Road and east of
 Glen Cove Road, Roslyn. Drilled by Layne-New York Co., Inc., August 12, 1954.

Log:		Thickness (feet)	Depth (feet)
Hardpan and boulders		25	25
Sand, gravel and boulders		110	135
Sand, gravel and clay		19	154
Clay		9	163
Sand, gravel and streaks clay		33	196
Sandy clay and hard clay		81	277

(Continued on next page)

N-4265. (Continued)	Thickness (feet)	Depth (feet)
Sand and gravel	15	292
Clay	6	298
Sand and gravel	41	339
Red clay	4	343
Sand and gravel	8	351
Clay	32	383
Sand and gravel	21	404
Clay	12	416
Coarse sand and fine gravel	72	488
Sand, gravel and clay	15	503

Casing: 24 inches.

Screen: 50 feet of 10 inch with bottom at 485 feet.

Pumping test:

August 12, 1954.	Duration:	8 hours
	Static water level:	126 feet
	Drawdown:	35 feet
	Yield:	1000 gpm

N-4266. (D-5) United States Geological Survey (Outpost Well), south of Piccadilly Road and east of Middle Neck Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., December 4, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Loam	4	5
Medium coarse brown sand, large gravel	56	61
Solid brown clay and streaks of sandy clay	7	68
Solid gray clay, streaks of medium fine sand	6	74
Medium fine brown sand, layers of sandy clay	19	93
Solid gray clay	16	109
Fine brown sand	8	117
Solid brown clay	17	134
Fine brown sandy clay, mica, layers of fine brown sand	24	158
Medium fine brown sand, mica	7	165
Fine brown sand, mica (dirty)	8	173
Fine brown sandy clay, mica, streaks of fine brown sand	20	193
Fine brown sand, mica (dirty)	19	212
Solid hard gray clay, few pieces of gravel	21	233
Hard gray clay, layers of lignite	15	248
Hard gray rock	3	251
Solid hard gray and red clay	47	298
Solid brown clay	9	307
Medium brown sand, streaks of sandy and solid clay	18	325
Solid light gray clay	11	336
Medium brown sand, grits, some clay	8	344
Medium coarse brown sand, layers of solid gray clay	10	354
Very fine brown sand, clay, mica, layers of solid clay	15	369
Layers of solid gray clay, gray sandy clay with grits and gravel	11	380
Coarse brown sand, gravel, small amount of clay	7	387
Medium fine brown sand, layers of gray clay	7	394
Solid gray clay	6	400
Coarse brown sand, grit and gravel	5	405
Brown clay and sandy clay	3	408
Decayed rock	67	475

Casing: 10 inches.

Screen: 15¾ feet of 6 inch with bottom at 392½ feet.

N-4266. (Continued)

Pumping test:
November 29, 1954. Duration: 24 hours
Static water level: 48 feet
Drawdown: 63 feet
Yield: 113 gpm

N-4267. (B-6) Associated Food Stores, south of Lakeview Avenue and east of Long Beach Road, Rockville Centre. Drilled by Fred Habenicht & Sons, November 14, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	51	51

Casing: 4 inches.

Screen: 10 feet of 3¾ inch with bottom at 51 feet.

Pumping test:
November 14, 1953. Duration: 8 hours
Static water level: 9 feet
Drawdown: 12 feet
Yield: 61 gpm

N-4269. (B-5) Associated Food Stores, west of Broadway and north of South Broadway, Hewlett. Drilled by Fred Habenicht & Sons, October 22, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand, pebbles	17	17
Coarse sand	16	33
Gray dry clay	16	49
Light yellow clay and wet sand	8	57
Dirty coarse yellow sand	16	73
Red clay	8	81

Casing: 4 inches.

Screen: 8 feet of 3¾ inch with bottom at 73 feet.

Pumping test:
October 11, 1953. Duration: 3 hours
Static water level: 19 feet
Drawdown: 11 feet
Yield: 68 gpm

N-4271. (C-8) Massapequa Market, Inc., north of Brooklyn Avenue and west of Ocean Avenue, Massapequa. Drilled by Mathies Well & Pump Co., Inc., September 23, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	40	40

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 40 feet.

N-4274. (B-5) A. Messinger, north of Briarwood Crossing and west of Long Drive, Lawrence.
 Drilled by Eastern Well & Pump Co., November 23, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Light brown sand and gravel	12	15
Fine light brown sand, rusty gravel	10	25
Fine dirty brown sand with layers of brown clay	10	35
Fine to medium brown sand, few grits and gravel. Washes clean	35	70

Casing: 6 inches.

Screen: 10 $\frac{2}{3}$ feet of 4 inch with bottom at 70 feet.

Pumping test:

November 23, 1953.	Duration:	2 hours
	Static water level:	13 $\frac{1}{2}$ feet
	Yield:	69 gpm

N-4298. (C-5) Jamaica Water Supply Co., north of Cisney Avenue and west of Gilbert Court,
 Floral Park. Drilled by Layne-New York Co., Inc.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	74	74
Hard streak	1	75
Sand and gravel	15	90
Sand and clay (various colors)	42	132
Brown sand	36	168
Clay, coarse sand	22	190
Clay and fine sand	13	203
Coarse sand and clay	32	235
Sand and gravel	9	244
Fine sand and clay	13	257
Sand and gravel	26	283
Sand and clay	35	318
Sand and clay balls	27	345
Coarse sand and gravel	39	384
Sand and clay	6	390

Casing: 18 and 12 inches.

Screen: 35 feet of 12 inch with bottom at 384 feet.

Pumping test:

October 16, 1953.	Duration:	8 hours
	Static water level:	30 feet
	Drawdown:	53 feet
	Yield:	1500 gpm

N-4300. (C-7) Jamison Plastics, south of Jerusalem Avenue and east of Newbridge Road,
 North Bellmore. Drilled by C. W. Lauman & Co., Inc., April 15, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill and roots	6	6
Top soil	2	8
Gray clay and stones	2	10
Fine to coarse sand, grits and gravel	20	30
Fine to coarse sand, grits, gravel and graduated stones	31	61

N-4300. (Continued)

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 61 feet.

Pumping test:

October 23, 1953. Duration: 7 hours
 Static water level: 8 feet
 Drawdown: 20 feet
 Yield: 220 gpm

N-4301. (D-7) Robert W. Bogart, north of Chestnut Street and west of Elm Street, Hicksville. Drilled by C. W. Lauman & Co., Inc., October 16, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil, loam and stones	4	4
Coarse light brown sand and plenty gravel	69	73
Coarse brown sand and plenty gravel	15	88
Fine light brown sand and some clay	3	91

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 87 feet.

Pumping test:

October 9, 1953. Duration: 1 hour
 Static water level: 71 feet
 Drawdown: 5 feet
 Yield: 20 gpm

N-4308. (D-6) George Smith, c/o Linaco Building Corporation, north of Park Avenue and east of Magnolia Street, Westbury. Drilled by Mathies Well & Pump Co., Inc., November 13, 1953.

Log:	Thickness (feet)	Depth (feet)
Heavy gravel	29	29
Yellow clay and some sand	5	34
Coarse sand and chunks of yellow clay	25	59
Solid yellow clay	9	68
Fine sand and light red clay	4	72
Coarse white sand	5	77

Casing: 4 inches.

Screen: 2 $\frac{2}{3}$ feet of 4 inch with bottom at 76 $\frac{1}{3}$ feet.

Pumping test:

November 13, 1953. Duration: 4 hours
 Static water level: 50 feet
 Drawdown: 6 feet
 Yield: 10 gpm

N-4310. (B-5) Union Free School District No. 20, south of Cail Drive and west of Pepperidge Road, Bay Park. Drilled by C. W. Lauman & Co., Inc., October 24, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Coarse brown sand and gravel	19	21
Fine light brown sand	3	24
Medium coarse brown sand, some grits and gravel	7	31

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N-4310. (Continued)

	Thickness (feet)	Depth (feet)
Solid gray clay	5	36
Medium coarse brown sand, some grits and gravel	10	46
Coarse brown sand and plenty of gravel ..	18	64

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 65 feet.

Pumping test:

October 24, 1953.	Duration:	8 hours
	Static water level:	5 feet
	Drawdown:	10 feet
	Yield:	80 gpm

N-4311. (B-5) Union Free School District No. 20, south of Roosevelt Avenue and east of Carpenter Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., December 30, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Coarse brown sand and gravel	13	15
Medium fine brown sand and some grits	7	22
Solid clay	8	30
Very fine gray sandy clay	8	38
Solid gray clay	6	44
Medium coarse gray sand and clay (no life)	3	47
Fine gray sand, some gravel and clay (no life)	7	54
Medium coarse brown sand, some grits and clay	2	56
Solid gray clay	18	74
Fine sandy clay	12	86
Very fine light gray sandy clay (no life)	16	102
Fine light brown sand (no life)	13	115
Fine gray sandy clay (no life)	29	144
Fine dark gray sand and some clay	9	153
Solid dark gray clay	2	155
Fine gray sand, some stones, clay and lignite (no life)	71	226
Fine dark gray sand, some clay and fine stones (no life)	3	229
Dark gray clay	7	236
Very fine gray sandy clay	4	240
Dark gray clay	14	254
Very fine hard gray sandy clay	8	262
Very fine gray sandy clay	24	286
Gray clay and some stones	37	323
Fine gray sandy clay	11	334
Hard sandy clay and stones	17	351
Solid gray clay	98	449
Fine gray sandy clay (no life)	6	455
Solid white clay	4	459
Gray clay and some stones	28	487
Medium fine gray sand and some clay	5	492
Medium fine light gray sand and some clay (active)	23	515
Coarse light gray sand and some grits	7	522
Medium light gray sand	3	525
Coarse light gray sand and some grits	6	531

Casing: 6 inches.

Screen: 16 feet of 4 inch with bottom at 531 feet.

N-4311. (Continued)

Pumping test:
 December 30, 1953. Duration: 4 hours
 Static water level: 16 feet
 Drawdown: 10 feet
 Yield: 90 gpm

N-4312. (B-5) Union Free School District No. 20, south of Atlantic Avenue and east of Union Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., October 28, 1953.

Log:	Thickness (feet)	Depth (feet)
Medium coarse yellow sand and gravel	19	19
Fine gray muddy sand mixed with gravel and soft clay	23	42
Medium coarse gray sand, some gravel	18	60

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 60 feet.

Pumping test:
 October 28, 1953. Duration: 8 hours
 Static water level: 15 feet
 Drawdown: 6 feet
 Yield: 72 gpm

N-4313. (B-5) Union Free School District No. 20, south of Clark Avenue and east of Sherman Street, Lynbrook. Drilled by C. W. Lauman & Co., Inc., October 26, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Sandy loam	4	8
Coarse dark brown sand and grits	7	15
Medium fine light brown sand	23	38
Medium coarse light brown sand and gravel (active)	18	56
Fine white sand and some clay		below 56

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 56 feet.

Pumping test:
 October 26, 1953. Duration: 8 hours
 Static water level: 10 feet
 Drawdown: 10 feet
 Yield: 75 gpm

N-4314. (B-7) W. T. Grant & Co., south of Sunrise Highway and east of Main Street, Freeport. Drilled by C. W. Lauman & Co., Inc., September 22, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement	12	12
Fine brown sand and grits	3	15
Medium to coarse brown sand, grits, gravel	17	32
Fine to medium coarse brown sand	7	39
Medium to coarse brown sand, grits, gravel	5	44
Very fine dirty sand, grits, mica	12	56
Very fine dirty sand, grits, mica, streaks of solid clay	13	69
Fine to medium gray sand, mica	3	72
Fine to coarse gray sand, grits, mica, gravel	5	77
Medium to coarse gray sand, grits, lumps of gray clay and lignite	4	81

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N-4314. (Continued)

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 40 feet.

Pumping test:

October 27, 1953. Duration: 2 hours
 Static water level: 16 feet
 Drawdown: 14 feet
 Yield: 95 gpm

N-4323. (B-5) Emanuel Austern, north of Broadway and west of West Broadway, Hewlett.
 Drilled by Eastern Well & Pump Co., April 4, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil, clay, dirty sand and gravel	5	5
Fine white sand and gravel	7	12
Clean light brown sand, some gravel	4	16
Fine gray-white sand, some gravel	2	18
Coarse gray sand, few gravel	2	20
Clean coarse light brown sand and gravel	10	30
Solid brown hard clay	1	31

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 31 feet.

Pumping test:

April 4, 1954. Duration: 2 hours
 Static water level: 16 $\frac{1}{4}$ feet
 Drawdown: 1 $\frac{1}{2}$ feet
 Yield: 50 gpm

N-4324. (B-5) A. Wardell, south of Longwood Crossing and east of Ocean Avenue, Lawrence. Drilled by Eastern Well & Pump Co., December 16, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil, dirty clay, dirty sand and gravel	3	3
Clean sand and gravel	3	6
Medium white sand, few stones	6	12
Brown sandy clay	1	13
Medium white sand	10	23
Brown sand and gravel	6	29
Brown sandy clay	1	30
Clean brown sand and gravel	16	46
Dirty brown beach sand, clumps of gray clay	1	47

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 46 $\frac{1}{2}$ feet.

Pumping test:

December 16, 1953. Duration: 2 hours
 Static water level: 19 $\frac{1}{2}$ feet
 Drawdown: 7 $\frac{1}{2}$ feet
 Yield: 58 gpm

N-4327. (D-6) Albertson Water District, south of Hollow Court and west of Green Way, Albertson. Drilled by Layne-New York Co., Inc., July 29, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel and boulders	25	25
Hardpan	17	42

N-4327. (Continued)

	Thickness (feet)	Depth (feet)
Sand and gravel	12	54
Red-brown, muddy sand	37	91
Clay	136	227
Sand, gravel and clay	40	267
Streaks sand and clay	38	305
Clay	10	315
Sand and clay	41	356
Clay	4	360
Sand and gravel	12	372
Sand and clay	23	395
Sand and gravel	13	408
Clay	2	410
Sand and gravel	20	430
Clay	2	432

Casing: 18 inches.

Screen: 60 feet of 10 inch with bottom at 425 feet.

Pumping test:

July 29, 1954.	Duration:	8 hours
	Static water level:	56 feet
	Drawdown:	53 feet
	Yield:	1000 gpm

N-4329. (C-8) Union Free School District No. 23, southeast of Kinsella Avenue, Massapequa.
 Drilled by E. K. Hutchinson & Son.

Log:	Thickness (feet)	Depth (feet)
Loam	10	10
Sand and gravel	50	60

Casing: 8 inches.

Screen: 20 feet of 75/8 inch with bottom at 60 feet.

Pumping test:

January 4, 1954.	Duration:	8 hours
	Static water level:	7 feet
	Drawdown:	23 feet
	Yield:	350 gpm

N-4332. (D-6) Walter J. Black, Inc., south of Northern Boulevard and west of Center Drive,
 Roslyn. Drilled by Mathies Well & Pump Co., Inc., April 12, 1954.

Log:	Thickness (feet)	Depth (feet)
Brown clay and boulders	20	20
Very heavy gravel	8	28
Brown clay and gravel	14	42
Coarse sand in gravel	12	54
Fine sand and chunks of brown clay	7	61
Solid brown clay	8	69
Coarse sand, grits and chunks of red clay	7	76
Solid red clay	8	84
Solid gray clay	48	132
Brown clay, grits and layer of sand stone	6	138
Yellow clay and fine sand	4	142
Fine white sand	6	148

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N-4332. (Continued)

	Thickness (feet)	Depth (feet)
Coarse red sand	12	160
White clay and fine sand	7	167
Coarse white sand and some white clay	2	169
Gray clay and fine sand	10	179
Wood, sand, stones and yellow clay	13	192
Yellow clay and fine sand	8	200
Grits, some chunks of white clay, coarse white sand	4	204
Fine sand and white clay	6	210

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 210 feet.

Pumping test:

April 11, 1954. Duration: 2 hours
 Static water level: 147 feet
 Yield: 62 gpm

N-4334. (C-6) Tracco Hempstead Inc., (Kleins store), south of Hempstead Turnpike and east of Rockaway Road, West Hempstead. Drilled by C. W. Lauman & Co., Inc April 12, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and gravel	18	18
Medium fine brown sand, some mica	6	24
Coarse brown sand and gravel	29	53
Medium coarse brown sand and grits	4	57
Medium brown fine sand and gravel	11	68
Fine brown sand	6	74
Fine brown sandy clay	4	78
Fine sand, some clay	6	84
Hardpan and fine sand	11	95
Fine gray sand	2	97
Fine gray sand and clay	3	100
Fine gray sand, some clay, lignite, pyrite	17	117
Fine gray sand, lignite, pyrite	3	120
Fine gray sand, pyrite and clay	4	124
Gray sandy clay	6	130
Fine gray sand, clay and pyrite	7	137
Fine gray sand and pyrite	1	138
Fine gray sand, some lignite and pyrite	9	147
Lumps of pyrite and clay	1	148
Fine gray sand	4	152
Fine gray sand and lignite	8	160
Fine gray sand and clay	1	161

Casing: 12 inches.

Screen: 60 feet of 12 inch with bottom at 161 feet.

Pumping test:

April 5, 1955. Duration: 8 hours
 Static water level: 26 feet
 Drawdown: 20 feet
 Yield: 867 gpm

N-4335. (B-6) Sears Roebuck & Co., north of Sunrise Highway and east of Park Avenue, Rockville Centre. Drilled by Eastern Well & Pump Co., April 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	13	13
Fine sand	6	19
Dirty fine sand	4	23
Heavy gravel	6	29
Fine sand, a little dirty	13	42
Sand and few stones	4	46
Medium coarse brown sand, some grit and gravel	8	54

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 52 feet.

Pumping test:

April 5, 1954.	Duration:	2 hours
	Static water level:	7 feet
	Yield:	50 gpm

N-4341. (B-6) Big Ben Food Market, south of Sunrise Highway and east of North Park Avenue, Rockville Centre. Drilled by Mathies Well & Pump Co., Inc., November 4, 1953.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	22	22
Medium sand—quantity of small gravel	1	23
Fine sand with clay binder—small amount mica	1	24
Coarse sand and gravel—small stones	1	25
Fine sand with clay binder—small stones	3	28
Bog	1	29
Bog, coarse sand and gravel	2	31
Coarse and fine sand—gravel with clay binder	6	37
Medium sand and gravel	2	39
Coarse sand—gravel and small stones	3	42

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 40 feet.

Pumping test:

November 4, 1953.	Duration:	2 hours
	Static water level:	7 feet
	Drawdown:	2½ feet
	Yield:	35 gpm

N-4376. (E-7) Mary L. Griggs, south of Bayville Avenue and east of Centre Island Road, Centre Island. Drilled by Long Island Water Supply Co., Inc., December 12, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam	2	2
Sand and gravel	32	34
Hardpan	10	44
Gray clay	20	64
Brown hardpan	20	84
Sandy clay	29	113
Coarse brown sand and gravel	22	135
Sandy clay	5	140
White clay	28	168

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N-4376. (Continued)

	Thickness (feet)	Depth (feet)
Hard gray clay	17	185
Hard gray clay	80	265
Soft sandy clay	35	300
Sandy clay	35	335
Sand and gravel	32	367

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 356 feet.

Pumping test:

December 7, 1953. Duration:	4 hours
Static water level:	50 feet
Drawdown:	10 feet
Yield:	150 gpm

N-4382. (D-7) Jarco Metal Products Corporation, south of Portland Avenue and west of Grand Boulevard, New Cassel. Drilled by Eastern Well & Pump Co., December 18, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill	4	4
Brown sand, grits and gravel	1	5
Solid gray clay	2	7
Clean and sharp, brown sand, grits and gravel	4	11
Fairly sharp brown sand and grits and gravel	5	16
Clean coarse light brown sand, grits and gravel	6	22
Medium coarse light brown sand, mostly grits and gravel	7	29
Light brown layers clay, hard layers brown sandy clay.....	12	41
Dark brown sandy clay, silt	7	48
Fine brown sand and clay, hardpan	4	52
Light brown fine sharp sand, few grits	8	60
Fine brown sand, lumps and layers of gray brown clay, hardpan	12	72
Very fine sandy brown clay	9	81
Fine brown fairly sharp sand, lot of brown clay, water	7	88
Fine sharp brown sand (clean)	4	92
Layer of hardpan	at	92
Brown sand, a little coarser and sharp	2	94
Fine brown sharp clay, has life	1	95
Layer gray sandy clay	at	95
Fine brown sand	1	96
Very fine silt, brown sand, lumps of clay	2	98
Very hard sandy brown clay	5	103
Very hard solid black clay	7	110
Dirty dark brown sand, mica	8	118
Fine dirty brown sand, hardpan and mica	7	125
Layer sandy clay	at	125
Very fine soupy brown sand, hardpan	7	132
Hard brown sandy clay and mica	6	138
Brown fine soupy sand clay and mica	10	148
Fine light brown sand, fairly clean	9	157
Hardpan, lumps of clay	3	160
Brown sandy clay	19	179
Hard sandy brown and gray clay	at	179
Reddish brown fine sand	9	188
Solid gray clay	4	192
Fine fairly clean light brown sand, lump of clay hardpan and mica	14	206
Medium fine to fine light brown sand, clean and sharp, some mica	15	221

N-4382. (Continued)

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 205 feet.

Pumping test:

December 18, 1953. Duration: 4 hours
Yield: 69 gpm

N-4383. (D-7) La Grega Realty Corporation, north of Main Street and west of Urban Avenue, Westbury. Drilled by Mathies Well & Pump Co., Inc., December 3, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam and sandy clay	5	5
Coarse sand and gravel	37	42
Sandy clay	7	49
Fine sand	6	55
Sandy clay	35	90
Fine sand	15	105
Medium fine clean sand	11	116
Fine sand and small traces of clay	20	136

Casing: 4 inches.

Screen: 10 feet of 4 inch with bottom at 136 feet.

Pumping test:

December 3, 1953. Duration: 4 hours
Static water level: 44 feet
Yield: 43 gpm

N-4384. (C-6) Aurora Plastics, north of Hempstead Turnpike and east of Cherry Valley Road, West Hempstead. Drilled by Sweeney & Gray Co., Inc., December 10, 1953.

Log:	Thickness (feet)	Depth (feet)
Medium sand	42	42

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 42 feet.

Pumping test:

March 5, 1954. Duration: 4 hours
Static water level: 10½ feet
Drawdown: 5½ feet
Yield: 69 gpm

N-4385. (C-8) Bildner-Big Ben Corporation, north of Thorne Avenue and east of Hicksville-Massapequa Road, Plainedge. Drilled by Eastern Well & Pump Co., April 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and grits	29	29
Light brown sand, medium grits and gravel	17	46

Casing: 6 inches.

Screen: 5½ feet of 4 inch with bottom at 43 feet.

Pumping test:

April 5, 1954. Duration: 2 hours
Static water level: 5 feet
Drawdown: 6 feet
Yield: 60 gpm

N-4388. (D-5) Citizens Water Supply Company of Newtown, north of Water Mill Road and east of Long Island Railroad, Great Neck. Drilled by Layne-New York Co., Inc.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Sand and boulders	9	14
Blue clay	6	20
Black clay	2	22
Brown hard clay	8	30
Sand and gravel, streaks clay	15	45
Hard packed sand and streaks gravel	9	54
Sand rock	1	55
Hard white clay	4	59
Streaks sand rock, hard white clay	4	63
Hard white coarse sand	6	69
Coarse sand and streaks clay	7	76
Yellow and white clay	1	77
Fine sand	4	81
White clay	1	82
Fine sand	9	91
Hard white clay	12	103
Soft white clay	19	122
Hard sandy clay	3	125
Sand and large gravel	20	145

Casing: 38, 30, 24 and 18 inches.

Screen: 20 feet of 18 inch with bottom at 145 feet.

Pumping test:

February 9, 1954. Duration: 8 hours
 Static water level: 17 feet
 Drawdown: 63 feet
 Yield: 1250 gpm

N-4389. (E-5) Village of Sands Point, north of Astor Lane and east of Port Washington Boulevard, Sands Point. Drilled by C. W. Lauman & Co., Inc., August 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and large gravel	56	56
Solid dark gray clay	3	59
Solid dark brown clay	5	64
Coarse brown sand, gravel, clay and lignite	31	95
Coarse brown sand	5	100
Fine brown sand and mica	48	148
Coarse brown sand and some grit	25	173
Solid gray clay	22	195
Fine gray sandy clay	12	207
Coarse brown sand and some clay	3	210
Coarse brown sand and some grits	15	225
Fine brown sand and mica	10	235
Fine brown sand, mica, layers gray clay and sandy clay	26	261
Solid gray clay	16	277
Solid clay	24	301

Casing: 16 and 12 inches.

Screen: 26 and 17 feet of 16 and 12 inch, with bottom at 177 and 225 feet.

Pumping test:

June 8, 1954. Duration: 4 hours
 Static water level: 62 feet
 Drawdown: 21 feet
 Yield: 708 gpm

N-4390. (D-5) Jamaica Water Supply Co., south of Union Turnpike and west of New Hyde Park Road, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., April 28, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam	1	1
Coarse brown sand, clay, boulder and gravel	62	63
Coarse brown sand and gravel	40	103
Coarse brown sand and white clay	17	120

Casing: 24 inches.

Screen: 21 feet of 17 inch with bottom at 105 feet.

Pumping test:

January 6, 1954.	Duration:	8 hours
	Static water level:	61 feet
	Drawdown:	19 feet
	Yield:	1404 gpm

N-4393. (B-5) Long Island Water Corporation, south of Hawthorne Avenue and west of Horton Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., July 23, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam	2	2
Medium coarse brown sand	40	42
Medium coarse brown sand, some grits	22	64
Coarse brown sand, some grits	9	73
Medium coarse brown sand, some grits	10	83
Fine multi-color sand, some clay	6	89
Fine gray sand, some clay	14	103
Fine gray sand, streaks solid clay	11	114
Solid black clay	5	119
Fine gray sand, streaks solid clay and lignite	6	125
Fine gray sandy clay, streaks solid clay and lignite	22	147
Fine gray sand, some clay and mica	6	153
Layers fine gray sand and sandy clay	29	182
Fine gray sand, streaks lignite	10	192
Solid gray clay	10	202
Fine gray sandy clay, streaks of lignite	5	207
Fine gray sand, streaks of lignite	29	236
Layers of fine gray sand and sandy clay	12	248
Fine gray sand	35	283
Layers of gray sandy clay and solid gray clay	6	289
Fine gray sand and streaks lignite	25	314
Layers of fine gray sand and solid clay	5	319
Fine gray sandy clay and streaks lignite	5	324
Fine gray sand	7	331
Layers fine gray sand, pyrite, lignite and solid gray clay	4	335
Medium coarse gray sand, streaks solid clay	4	339
Fine gray sandy clay, streaks lignite	9	348
Medium coarse gray sand	10	358
Fine gray sandy clay, streaks lignite	11	369
Fine gray sand	8	377
Solid gray clay	12	389
Layers fine gray sand and solid clay	9	398
Solid gray clay	6	404
Fine gray sand, streaks solid clay	5	409
Medium coarse gray sand	10	419
Fine gray sand, streaks coarse gray sand	9	428

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N-4393. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand	6	434
Medium coarse gray sand	15	449
Fine gray sand, some mica	12	461
Coarse gray sand	6	467
Fine gray sandy clay	11	478
Lignite and streaks sand and clay	3	481
Medium coarse gray sand, streaks clay	5	486
Solid gray clay	9	495
Fine gray sand, layers of clay	11	506

Casing: 18 inches.

Screen: 52¾ feet of 12 inch with bottom at 474 feet.

Pumping test:

March 17, 1954.	Duration:	8 hours
	Static water level:	11 feet
	Drawdown:	34 feet
	Yield:	1421 gpm

N-4394. (C-5) Long Island Water Corporation, north of Hempstead Avenue and east of Franklin Avenue, Malverne. Drilled by C. W. Lauman & Co., Inc., July 16, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Coarse brown sand	10	15
Medium brown sand, mica	32	47
Coarse brown sand, grits	9	56
Fine brown sand, layers of sandy clay	2	58
Fine brown sand, mica	21	79
Fine brown sand, streaks of solid and sandy clay	7	86
Fine gray sand, streaks of solid clay	11	97
Silty gray clay, layers of sandy clay	9	108
Fine gray sand, streaks of clay and lignite	11	119
Solid gray clay, streaks of sandy clay	5	124
Fine gray sand, streaks of clay and pyrite	6	130
Fine gray sandy clay, mica, lignite	10	140
Fine gray sand, mica, layers of solid clay	3	143
Medium fine gray sand, mica	25	168
Fine gray sandy clay, mica, layers of lignite	8	176
Fine gray sand, mica	7	183
Fine gray sandy clay, mica, streaks of solid clay and lignite	12	195
Medium gray sand, layers of lignite	6	201
Solid lignite	10	211
Solid hard gray clay, layers of lignite	5	216
Solid gray clay, streaks of sandy clay and lignite	11	227
Fine gray sandy clay, streaks of solid clay and lignite	10	237
Solid gray clay	9	246
Fine gray sand, some clay and mica	20	266
Gray sandy clay, streaks of solid clay	5	271
Fine gray sand, some clay and lignite	25	296
Fine gray sand, layers of solid clay and lignite	38	334
Solid gray clay	16	350

Casing: 18 inches.

Screen: 43 feet of 12 inch with bottom at 175 feet.

Pumping test:

July 6, 1954.	Duration:	8 hours
	Static water level:	5 feet
	Drawdown:	66 feet
	Yield:	1470 gpm

N-4400T. (E-7) Oyster Bay Water District, northeast of Oyster Bay Cove Road and Shutter Lane, Oyster Bay. Drilled by C. W. Lauman & Co., Inc., January 19, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Loam	3	4
Coarse brown sand, grits and gravel	10	14
Coarse brown sand, grits and lumps of clay	14	28
Solid gray clay	31	59
Fine brown sand and some clay	6	65
Multi-color, solid clay and streaks of sandy clay	8	73
Solid gray clay and streaks of sandy clay	6	79
Solid brown clay	13	92
Medium coarse brown sand and streaks of solid clay	20	112
Fine gray and brown sandy clay	6	118
Coarse brown sand and grits	5	123
Solid and sandy, brown and gray clay	8	131
Fine brown and gray sand, little clay	11	142
Coarse brown sand and grits	6	148
Fine gray sandy clay	7	155
Fine gray sandy clay	9	164
Brown sand and solid gray clay	6	170
Medium coarse brown sand	5	175
Coarse brown and gray sand, some clay	6	181
Fine gray sandy clay	11	192
Medium, fine, brown and red sand and some clay	10	202
Fine gray sand, some clay and mica	11	213
Coarse brown sand and gravel, some clay	34	247
Fine, red and gray, sandy clay and solid clay	6	253
Coarse brown sand, gravel and some clay	10	263
Medium coarse brown sand and layers of clay	4	267
Coarse brown sand, gravel and some clay	16	283
Fine gray sandy clay and layers of solid clay	4	287
Fine brown sand	15	302
Solid multi-clay and layers of sandy clay	45	347
Solid, gray clay	53	400

Note: Formation test hole only.

N-4401T. (C-8) Massapequa Water District, Ocean Avenue and Maryland Avenue, Massapequa. Drilled by C. W. Lauman & Co., Inc., January 19, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel	68	68
Solid gray clay	10	78
Fine gray sand, mica, shells, layers of solid and sandy clay	16	94
Solid gray clay	10	104
Gray sandy clay, layers of solid clay	12	116
Very fine gray sand, mica, some clay, lignite	7	123
Gray sandy clay, lignite	6	129
Coarse gray sand, grits, streaks solid clay	5	134
Fine gray sandy clay, lignite	15	149
Fine gray sandy clay	21	170
Medium fine gray sand, little clay	7	177
Medium fine gray sand, lignite, solid clay	6	183
Medium fine gray sand, small amount of clay	51	234

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N-4401T. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, layers lignite and solid clay	6	240
Fine gray sand, mica, small amount of clay	27	267
Sandy gray clay, layers lignite and solid clay	16	283
Solid gray clay, streaks of sandy clay	4	287
Gray sandy clay, lignite, layers of solid clay	20	307
Gray sandy clay, mica, lignite	10	317
Fine gray sand, mica, some lignite, layers solid clay	20	337
Fine gray sand, lignite	13	350
Solid hard gray clay	11	361
Solid hard gray clay	7	368
Solid gray clay, streaks sandy clay, lignite	14	382
Solid gray clay and sandy gray clay	10	392
Sandy gray clay	5	397
Solid gray clay and fine gray sand	6	403
Fine gray sand, lignite	23	426
Fine gray sand, mica	27	453
Fine gray sand, mica, streaks of solid clay	15	468
Fine gray sand, clay, mica	30	498
Solid gray clay	5	503
Fine gray sand, mica, streaks solid and sandy clay	5	508
Solid gray clay	4	512
Fine gray sand, mica, streaks solid clay	5	517
Fine gray sand, mica, some clay	26	543
Medium coarse gray sand, streaks lignite	5	548
Gray sandy clay	7	555
Solid gray clay, streaks sandy clay and lignite	12	567
Fine gray sand, little lignite	15	582
Medium coarse gray sand	10	592
Medium fine gray sand	15	607
Fine gray sandy clay	15	622
Fine gray sandy clay, solid clay	6	628
Fine gray sandy clay and solid clay	24	652
Solid light gray clay	5	657
Fine gray sand, mica, layers of solid clay	11	668
Medium coarse sand, mica, some clay	15	683
Fine gray sand, mica, some clay	26	709
Gray sandy clay, streaks of lignite	3	712
Solid gray clay, streaks of sandy clay	5	717
Solid hard gray clay	4	721

Note: Formation test hole only.

N-4405. (B-5) Long Island Water Corporation, north of Beech Street and east of Vernon Avenue, Atlantic Beach. Drilled by Layne-New York Co., Inc., July 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Gray sand	30	30
Sand and blue marl	92	122
Sand, gravel and blue clay	28	150
Packed gravel and sandy clay	67	217
Sandy clay, streaks gravel	54	271
Sand, gravel, streaks of clay	49	320
Sandy clay, hard clay and wood	62	382
Streaks of sand and hard clay	58	440
Sand, some fine gravel	66	506
Sand and clay	23	529
Muddy sand	29	558
Black clay, streaks of sand	33	591
Streaks of sand, clay and gravel	97	689

N-4405. (Continued)

	Thickness (feet)	Depth (feet)
Sand, gravel, wood and clay	30	719
Clay, streaks of gravel	20	739
Sand and fine gravel	25	764
Sand, wood, streaks of clay	40	804
Sand, gravel and clay streaks	22	826
Tough blue clay	48	874
Sand, gravel, streaks of clay	59	933
Coarse sand and gravel	33	966
Sand, gravel and clay streaks	38	1004
Coarse sand and gravel	51	1055
Sand, gravel, streaks of clay	12	1067
Coarse sand and gravel	19	1096
Tough clay and gravel	21	1117

Casing: 20, 12 and 8 inches.

Screen: 70 feet of 8 inch with bottom at 1075 feet.

Pumping test:

July 27, 1954. Duration: 8 hours
 Static water level: ground level
 Drawdown: 34 feet
 Yield: 1400 gpm

N-4406. (C-6) Hempstead Medical Arts Corporation, north of Atlantic Avenue and east of Hilton Avenue, Hempstead. Drilled by Eastern Well & Pump Co.

Log:	Thickness (feet)	Depth (feet)
Basement	9	9
Gravel, grits and stones	6	15
Medium to fine dark sand	2	17
Sand and grits	12	29
Medium to fine sand	8	37
Sand and gravel	3	40
Medium sand and grits	9	49
Medium to coarse sand and grits	8	57

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 57 feet.

Pumping test:

April 15, 1954. Duration: 2 hours
 Static water level: 8½ feet
 Drawdown: 4½ feet
 Yield: 75 gpm

N-4408. (C-6) K. J. Kellgren & M. Hewett, north of old Country Road and west of Rose Street, Mineola. Drilled by Fred Habenicht & Sons, March 9, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Gravel	15	19
Dirty hard yellow sand	2	21
Coarse sand and pebbles	22	43
White sand	6	49
White sand and 30% pea gravel	15	64

(Continued on next page)

N-4408. (Continued)

Casing: 4 inches.

Screen: 5 feet of 3¾ inch with bottom at 65 feet.

Pumping test:

March 9, 1954.	Duration:	5 hours
	Static water level:	48 feet
	Drawdown:	5 feet
	Yield:	19 gpm

N-4409. (D-6) Blue Spruce Inn, northeast corner of Northern Boulevard, Roslyn. Drilled by Eastern Well & Pump Co., March 3, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam, stones and clay	12	12
Brown sand and few gravel	6	18
Brown clay	11	29
Sandy clay	5	34
Brown clay	8	42
Light brown sand, gravel and stones	4	46
Light brown sand, grits, few gravel	7	53
Brown clay		below 53

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 51 feet.

Pumping test:

March 3, 1954.	Duration:	2 hours
	Static water level:	101½ feet
	Drawdown:	25 feet
	Yield:	50 gpm

N-4410. (C-6) H. O. Penn Machinery Company, north of Stewart Avenue and west of Merrick Avenue, Garden City. Drilled by C. W. Lauman & Co., Inc., December 6, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse sand, grit, gravel	48	48
Fine brown sand, lumps of multi-color clay	33	81
Sandy gray clay	11	92
Layers of multi-colored solid and sandy clay	4	96
Fine brown sand, clay	6	102
Fine brown sand	13	115
Fine multi-colored sandy clay	7	122
Fine gray sandy clay—streaks of lignite, pyrite	34	156
Fine gray sand, some clay and mica	16	172
Layers of lignite, solid and sandy clay	11	183
Fine gray sandy clay, streaks of solid clay	9	192
Fine gray sand, streaks of solid clay	6	198
Solid gray clay, streaks of sandy clay	11	209
Fine gray sand, streaks of lignite	4	213
Fine gray sand	15	228
Fine gray sandy clay, streaks of solid clay	5	233
Fine brown sand, some clay, streaks of solid clay	60	293
Fine gray sandy clay	6	299
Fine brown sand, some clay	21	320
Fine gray sand	5	325
Solid gray clay	15	340
Fine brown sand, some clay	8	348
Fine gray sand, some clay	11	359

N-4410. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sandy clay	5	364
Fine brown sand	12	376
Fine multi-colored sandy clay and streaks of sand	11	387
Medium fine brown sand, some clay, grit, streaks of solid clay	25	412
Fine gray sand, some clay	10	422
Medium coarse brown sand, some clay and grit	14	436
Layers of fine brown sand and sandy clay	16	452

Casing: 8 inches.

Screen: 19 feet of 8 inch with botttom at 116 feet.

Pumping test:

November 9, 1954.	Duration:	4	hours
	Static water level:	101½	feet
	Drawdown:	24	feet
	Yield:	265	gpm

N-4411. (B-5) Long Island Water Corporation, south of Sunrise Highway and west of Peninsula Boulevard, Lynbrook. Drilled by Layne-New York Co., Inc., July 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Brown sand	60	60
Black muddy sand	15	75
White muddy sand	29	104
Coarse brown sand	15	119
Sand, streaks of clay	61	180
Dark gray clay	24	204
Sand, hard streaks clay	28	232
Hard brown clay	38	270
Sand and gravel	23	293
Soft clay	6	299
Sand and clay	20	319
Sand and gravel	45	364
Clay	2	366
Sand and fine gravel	29	395
Sand and gravel	9	404
Gray clay	8	412
Sand, gravel and clay	24	436
Sand	8	444
Sand and streaks of clay	14	458
Coarse sand, fine gravel	38	496
Clay	5	501
Sand and gravel	55	556
Clay	12	568

Casing: 24, 18 and 12 inches.

Screen: 70 feet of 12 inch with bottom at 550 feet.

Pumping test:

July 27, 1954.	Duration:	8	hours
	Static water level:	9	feet
	Drawdown:	50	feet
	Yield:	1400	gpm

N-4417T. (D-5) B. Altman & Company, south of Northern Boulevard and east of the Gate, Manhasset. Drilled by C. W. Lauman & Co., Inc., February 18, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Fill and loam	5	6
Coarse, brown sand, grit, gravel and boulders	30	36
Coarse brown sand, grit, large gravel and niggerheads	80	116
Coarse brown sand, grit and large gravel	10	126
Coarse brown sand, grit, large gravel and lumps of clay	36	162
Layers of fine brown sand, sandy clay and solid clay	4	166
Fine brown sand, some clay, layers of cemented gravel	15	181
Medium coarse brown sand, grit and gravel	10	191
Solid brown clay, streaks of sandy clay	11	202
Medium coarse brown sand, grit and gravel	19	221
Fine brown sand, grit and gravel	10	231
Multi-color, solid clay, streaks of medium brown sand	6	237
Medium coarse brown sand, grit and gravel	27	264
Solid brown clay, streaks of fine brown sand	5	269
Medium coarse brown sand, grit and gravel, some clay	29	298
Medium coarse brown sand, grit and streaks of sandy clay	5	303
Medium coarse brown sand, grit and gravel	5	308
Medium fine brown sand, some clay	5	313
Medium coarse brown sand, grit and gravel	5	318
Layers of medium coarse brown sand and sandy clay	10	328
Multi-color, solid clay and streaks of sandy clay	15	343

Casing: 7 inches.

Note: Formation test hole.

N-4418. (B-5) A. Usiskin, northwest of Everett Avenue and Willow Pond Road, Hewlett Harbor. Drilled by Mathies Well & Pump Co., Inc., April 1, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Loam	1	3
Medium sand and gravel	10	13
Fine brown sand	11	24
Black clay	22	46
Medium sand and grits	18	64

Casing: 6 inches.

Screen: 8½ feet of 3¾ inch with bottom at 60 feet.

Pumping test:

April 1, 1954.	Duration:	2 hours
	Static water level:	12 feet
	Yield:	75 gpm

N-4419. (D-6) Whelan Drug Store, north of Hillside Avenue and east of Herrick Road, Williston Park. Drilled by C. W. Lauman & Co., Inc., March 19, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement	9	9
Coarse brown sand, grits and plenty large gravel	47	56

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 47 feet.

N-4424. (E-5) Mrs. R. W. Fraser, north of Private Road and east of Middle Neck Road, Sands Point. Drilled by C. W. Lauman & Co., Inc., May 17, 1954.

Log:	Thickness (feet)	Depth (feet)
Brown sand and clay	45	45
Fine gray-brown sand and clay	35	80
Coarse brown sand and small gravel	15	95
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 95 feet.		

N-4425. (C-6) Village of Hempstead, north of Dartmouth Street and east of Clinton Street, Hempstead. Drilled by Layne-New York Co., Inc., August 11, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Sand and gravel	56	58
White clay	6	64
Black clay	3	67
Fine sand	26	93
Gray clay	4	97
Fine sand	5	102
Brown clay	8	110
Black clay	5	115
Fine sand, iron oxide	32	147
Gray-black clay and lignite	51	198
Sand, clay and iron oxide	24	222
Sand, lignite	12	234
Gray clay	31	265
Fine white sand	20	285
Sand, clay, lignite	26	311
Gray clay	15	326
Medium sand	22	348
Clay	2	350
Sand	4	354
Clay	1	355
Sand	11	366
Lignite	9	375
Clay, pyrite		below 375

Casing: 20 inches.

Screen: 40 feet of 12 inch with bottom at 365 feet.

Pumping test:

March 19, 1954.	Duration:	8 hours
	Static water level:	15 feet
	Drawdown:	43 feet
	Yield:	1280 gpm

N-4426. (D-6) Grand Union Stores, north of Hillside Avenue and east of Herriek Road, Mineola. Drilled by Fred Habenicht & Sons, February 28, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	4	4
Very coarse sand, gravel	13	17
Mostly gravel	24	41

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N-4426. (Continued)	Thickness (feet)	Depth (feet)
Red, hard-packed sand	1	42
Coarse sand and pea gravel	15	57
Mostly all pea gravel	7	64
Casing: 6 inches.		
Screen: 11 feet of 5¾ inch with bottom at 64 feet.		
Pumping test:		
February 27, 1954. Duration:		4 hours
Static water level:		45 feet
Drawdown:		6 feet
Yield:		62 gpm

N-4428. (C-6) Werner Abel, north of Centennial Avenue and west of Woodside Avenue, Baldwin. Drilled by Fred Habenicht & Sons, March 3, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement	8	8
Sand	46	54
Sand		below 54
Casing: 4 inches.		
Screen: 8 feet of 3¾ inch with bottom at 54 feet.		
Pumping test:		
March 13, 1954. Duration:		5 hours
Static water level:		18 feet
Drawdown:		4 feet
Yield:		52 gpm

N-4430. (C-6) Meadow Brook Nation Bank of Freeport, south of Hempstead Avenue and west of Woodview Road, West Hempstead. Drilled by Eastern Well & Pump Co., March 26, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement	15	15
Medium coarse brown sand, grits and gravel	60	75
Casing: 8 inches.		
Screen: 15 feet of 8 inch with bottom at 72½ feet.		
Pumping test:		
March 26, 1954. Duration:		8 hours
Static water level:		10 feet
Drawdown:		16 feet
Yield:		280 gpm

N-4431. (D-7) Preferred Sand and Stone Co., north of Duffy Lane and east of Charlotte Street, Hicksville. Drilled by C. W. Lauman & Co., Inc.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	14	14
Sand and grits (dirty)	12	26
Fine sand, dirty	4	30
Casing: 4 inches.		
Screen: 11 feet of 4 inch with bottom at 30 feet.		

N-4431. (Continued)

Pumping test:
 June 1953. Static water level: 4 feet
 Drawdown: 9 feet
 Yield: 102 gpm

N-4432. (E-6) Dyckman Laundry Inc., Glen Cove. Drilled by E. K. Hutchinson & Son, April 21, 1955.

Log:	Thickness (feet)	Depth (feet)
Loam	6	6
Clay	114	120
Sand and gravel (water)	28	148
Clay	152	300
Sand, clay, gravel	30	330
Sand, gravel (water)	22	352

Casing: 6 inches.

Screen: 16 feet of 5 $\frac{5}{8}$ inch with bottom at 348 feet.

Pumping test:
 April 21, 1955. Duration: 8 hours
 Static water level: flows
 Drawdown: 34 feet
 Yield: 90 gpm

N-4435. (D-7) Fred Schumacher, north of Jericho Turnpike and east of Cedar Swamp Road, Brookville. Drilled by C. W. Lauman & Co., Inc., April 23, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Loam	4	6
Brown sandy clay, large stones	17	23
Coarse brown sand, gravel	7	30
Coarse brown sand, large gravel, lumps of brown clay	16	46
Coarse brown sand, grits, gravel	38	84
Coarse brown sand, some grits and a small amount of clay	14	98
Coarse brown sand, grits, gravel	10	108
Medium brown sand, mica and small amount clay	10	118
Medium coarse brown sand	6	124
Coarse brown sand, grits	9	133
Fine brown sand, mica, lumps of clay		below 133

Casing: 10 inches.

Screen: 16 feet of 8 inch with bottom at 133 $\frac{1}{2}$ feet.

Pumping test:
 March 10, 1954. Duration: 1 hour
 Static water level: 87 feet
 Drawdown: 37 feet
 Yield: 260 gpm

N-4436. (C-5) R. C. Moulding Company, north of Second Avenue and east of South Sixth Street, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., July 16, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Sand, gravel, stone	5	10

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N-4436. (Continued)	Thickness (feet)	Depth (feet)
Coarse sand, gravel, stones	25	35
Sand, gravel, stones	15	50
Coarse sand, gravel, stones	12	62
Coarse sand, gravel	12	74

Casing: 6 inches.

Screen: 21 feet of 4 inch with bottom at 83½ feet.

N-4440. (E-6) Frank Marmorale, north of Garvies Point Road and west of Herb Hill Road, Glen Cove. Drilled by E. K. Hutchinson & Son, October 13, 1954.

Log:	Thickness (feet)	Depth (feet)
Clay	127	127
Fine sand	8	135
Clay	115	250
Alternate streaks clay and fine sand	50	300
Coarse sand and gravel	16	316

Casing: 6 inches.

Screen: 10 feet of 5⅝ inch with bottom at 316 feet.

Pumping test:

July 16, 1954.	Duration:	8 hours
	Drawdown:	20 feet
	Yield:	200 gpm

Note: Well flows.

N-4448. (C-7) East Meadow Water District, southeast of Franklin Avenue and Devon Road, East Meadow. Drilled by Layne-New York Co., March 8, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	25	25
Coarse gravel	41	66
Sand and sandy clay	11	77
Brown sand	28	105
Gray sand and clay	46	151
Brown sand	58	209
Fine gray sand	57	266
Coarse brown sand	18	284
Fine white sand	61	345
Gray sand, hard black clay streaks	96	441
Sand, clay streaks	34	475
Sand and gravel	21	496
Coarse sand and gravel	63	559
Sand and clay	13	572

Casing: 24, and 18 inches.

Screen: 50 feet of 12 inch with bottom at 550 feet.

Pumping test:

March 8, 1955.	Duration:	8 hours
	Static water level:	26 feet
	Drawdown:	32 feet
	Yield:	1200 gpm

N-4450. (C-7) Levittown Water District, west of Center Lane and north of Bluegrass Lane,
Levittown. Drilled by C. W. Lauman & Co., Inc., January 15, 1955.

Log :	Thickness (feet)	Depth (feet)
Top soil	1	1
Loam and sandy clay	2	3
Coarse brown sand, gravel	80	83
Coarse brown sand, gravel, brown clay	8	91
Fine reddish brown sand, mica	5	96
Fine brown sand, layers solid and sandy clay	6	102
Multi-colored sandy clay	26	128
Brown sandy clay, layers of solid clay	10	138
Fine brown sand, streaks sandy clay	15	153
Multi-colored sandy clay	6	159
Fine brown sand, mica, streaks sandy clay	8	167
Fine brown sand, mica	11	178
Fine brown sand, mica, streaks sandy clay	15	193
Solid brown clay, streaks fine brown sand, sandy clay	6	199
Fine brown sand, streaks sandy clay	14	213
Fine brown sand, mica	5	218
Brown sandy clay, mica, hardpan	10	228
Very fine brown sand, mica, layers of solid clay	16	244
Fine brown sand, mica	16	260
Solid multi-colored clay	6	266
Fine brown sand, mica, some clay	4	270
Brown sandy clay, mica, hardpan	5	275
Fine brown sand, mica	16	291
Fine brown sand, mica, streaks of sandy clay	9	300
Fine brown sandy clay, mica, layers solid clay	6	306
Fine gray sand, mica, streaks sandy and solid clay	10	316
Fine gray sand, mica, some clay	6	322
Fine gray sandy clay, mica	5	327
Fine brown sand, mica and a small amount of clay	21	348
Fine brown sand, mica and small amount clay	5	353
Fine brown sand, mica, streaks of sandy clay	11	364
Fine brown sand, mica and a small amount of clay	16	380
Fine gray sand, mica, layers of sandy clay	10	390
Fine brown sand, mica	6	396
Fine brown sand, mica, streaks solid and sandy clay	6	402
Gray sandy clay, mica	8	410
Fine gray sand, mica, streaks of sandy clay	6	416
Medium brown sand, mica, streaks of sandy clay	11	427
Medium brown sand, mica	12	439
Medium brown sand, mica, grits, streaks of sandy clay	4	443
Fine brown sand, mica	6	449
Fine brown sand, mica, streaks of solid and sandy clay	19	468
Fine brown sand, mica, streaks sandy clay	9	477
Gray sandy clay, mica	3	480
Fine brown sand, mica and a small amount of clay	10	490
Coarse brown sand, grits, streaks of clay	5	495
Fine brown sand, streaks of sandy clay and solid clay	23	518
Solid and sandy gray clay, layers of fine brown sand	7	525

Casing: 18 inches.

Screen: 51½ feet of 12 inch with bottom at 466 feet.

Pumping test:

July 26, 1954.	Duration:	8 hours
	Static water level:	16 feet
	Drawdown:	34 feet
	Yield:	1250 gpm

N-4451. (C-7) Levittown Water District, east of Jerusalem Avenue and north of Fisher Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., January 15, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Loam	2	4
Coarse brown sand, grit and gravel	60	64
Coarse brown sand, grit, gravel and lumps of clay	33	97
Solid gray clay	12	109
Multi-color sandy clay	4	113
Multi-color fine sand and streaks of clay	14	127
Lignite and streaks of clay	5	132
Solid black clay	21	153
Fine brown sand, streaks of clay	9	162
Layers of fine gray sand and sandy clay	35	197
Solid gray clay and streaks of fine brown sand	6	203
Fine brown sand, some clay and mica	14	217
Layers of brown sandy clay and solid clay	14	231
Fine brown sand	7	238
Multi-color sandy clay	4	242
Layers of fine brown sand and sandy clay	29	271
Fine brown sand	8	279
Layers of fine brown sandy clay and solid clay	12	291
Solid gray clay and layers of lignite	13	305
Fine gray sand	9	314
Solid gray clay	12	326
Fine gray sandy clay and streaks of solid clay	20	346
Fine gray sand	57	403
Multi-colored sandy clay and streaks of solid clay	11	414
Medium fine brown sand	4	418
Fine gray sand, some clay	12	430
Solid multi-color clay	7	437
Fine gray sand, streaks of sandy clay	15	452
Solid multi-color clay	16	468
Multi-color, sandy clay and streaks of solid clay	14	482
Fine brown sand and streaks of sandy clay	17	499
Fine gray sand	39	538
Fine gray sand, some clay and layers of solid clay	15	553
Medium coarse multi-color sand and layers of solid and sandy clay	9	562
Fine gray sand, some clay	7	569
Coarse gray sand, some grit and clay	14	583
Fine gray sand and clay	5	588
Medium coarse brown sand	6	594
Medium coarse gray sand, some clay and gravel	5	599
Fine gray sandy clay	3	602

Casing: 18 inches.

Screen: 56 feet of 12 inch with bottom at 399 feet.

Pumping test:

August 2, 1954.	Duration:	8 hours
	Static water level:	38 feet
	Drawdown:	32 feet
	Yield:	1250 gpm

N-4452. (C-6) Franklin Shops Inc., south of Fulton Avenue and east of Franklin Street, Hempstead. Drilled by Eastern Well & Pump Co., March 16, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	40	40
Medium brown sand, little gravel	19	59
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 59 feet.		
Pumping test:		
March 15, 1954. Duration:		2 hours
Static water level:		12 feet
Drawdown:		5 feet
Yield:		75 gpm

N-4460. (E-8) Michael Harges, south of South Road and east of Cove Road, Oyster Bay. Drilled by Mathies Well & Pump Co., Inc., May 25, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	1	1
Top soil	1	2
Heavy gravel	55	57
Very heavy gravel	17	74
Large stones	3	77
Brown clay and sand	1	78
Coarse sand and some gravel	23	101
Brown clay	13	114
Coarse sand, gravel and white clay	1	115
Coarse sand and brown clay	17	132
Fine sand and white clay	14	146
Yellow clay	7	153
Coarse white sand	15	168
Fine sand and yellow clay	4	172
Fine sand and white clay	24	196
Coarse sand, grits and some yellow clay	3	199
Fine sand and white clay	5	204
Coarse white sand	6	210
Casing: 6 inches.		
Screen: 6 feet of 4 inch with bottom at 210 feet.		
Pumping test:		
May 21, 1954. Duration:		2 hours
Static water level:		150 feet
Yield:		24 gpm

N-4461. (C-8) New York Water Service Corp., north of De Mott Avenue and east of Jane Street, Wantagh. Drilled by C. W. Lauman & Co., Inc., July 16, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Coarse brown sand, grits and gravel	61	66
Layers of medium coarse brown sand, solid clay and lignite	17	83
Fine gray sand, some clay, streaks of solid clay, pyrite and lignite	21	104
Fine gray sand, some mica	31	135
Fine gray sand, some clay, mica, streaks of sandy clay	16	151

(Continued on next page)

N-4461. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, streaks of lignite and pyrite	19	170
Solid gray clay and streaks of gray sand	5	175
Fine gray sand, layers of lignite and solid gray clay	26	201
Fine gray sand, some mica	5	206
Fine gray sandy clay, streaks of pyrite and lignite	16	222
Fine gray sand, streaks of lignite	14	236
Fine gray sand, streaks of solid clay	7	243
Layers of fine gray sand, sandy clay and lignite	12	255
Fine gray sand, streaks of lignite, some mica	6	261
Fine gray sandy clay, streaks of solid clay	24	285
Solid gray clay	6	291
Fine gray sand, streaks of lignite and clay	14	305
Fine gray sand, some clay and mica	35	340
Solid gray clay, layers of pyrite and sandy clay	14	354
Fine gray sand, some clay, mica and lignite	8	362
Fine gray sand, streaks of clay	9	371
Fine gray sand	9	380
Layers of fine gray sand, sandy clay and lignite	5	385
Solid gray clay	6	391
Fine gray sand, streaks of lignite	8	400
Fine gray sandy clay	6	406
Fine gray sand, some clay and mica	24	430
Solid black clay	11	441
Layers of fine gray sand, sandy clay and solid clay	5	446
Fine gray sand, some clay and mica	23	469
Fine gray sandy clay, streaks of solid clay	12	481
Solid gray clay	5	486
Layers of fine gray sand, lignite and solid clay	9	495
Fine gray sand	10	505
Fine gray sand, some clay and streaks of lignite	11	516
Fine gray sand	8	524
Layers of fine gray sand, some clay and solid clay	7	531
Fine gray sand, some clay and mica	5	536
Solid gray clay, streaks of gray sand	4	540
Medium fine gray sand	36	576
Solid gray clay, streaks of sandy clay and lignite	5	581
Medium coarse gray sand	28	609
Fine gray sand, some clay, streaks of solid clay and lignite	10	619
Medium coarse gray sand, some clay	9	628
Solid gray clay	14	642

Casing: 16 inches.

Screen: 21½ and 30¾ feet of 12 inch with bottom at 128 and 136 feet.

Pumping test:

May 18, 1954. Static water level: 11 feet
 Drawdown: 37 feet
 Yield: 1404 gpm

N-4462. (E-6) North Shore Country Club, south of Downing Avenue and east of Shore Road, Glen Head. Drilled by C. W. Lauman & Co., Inc., July 30, 1954.

Log:	Thickness (feet)	Depth (feet)
Brown sandy clay, boulders	8	8
Coarse brown sand, boulders	16	20
Medium brown sand	7	27
Coarse brown sand, grits	36	63
Solid gray clay	1	64
Sandy yellow clay	30	94
Coarse yellow sand, grits, white clay	4	98

N-4462. (Continued)	Thickness (feet)	Depth (feet)
Solid white and yellow clay	2	100
Medium coarse yellow grits, white clay	15	115
Medium yellow sand	2	117
Sandy white and yellow clay, hardpan	43	160
Sandy yellow clay	16	176
Fine yellow sand, few grits with clay	12	188
Sandy yellow clay	3	191
Grayish solid clay, grits, gravel	34	225
Hard yellow clay, streaks of sand, few grits, gravel	21	246
Hard white clay, streaks of sand, grits, gravel, very few grits, gravel	25	271
Solid gray clay		below 271
Casing: 12 inches.		
Screen: 32 feet of 8 inch with bottom at 180 feet.		
Pumping test:		
May 25, 1954. Duration:		6 hours
Static water level:		46 feet
Drawdown:		52 feet
Yield:		523 gpm

N-4463. (C-8) Toren, Inc. (Mid-Island Hospital), north of Hempstead Turnpike and east of Stewart Avenue, Bethpage. Drilled by C. W. Lauman & Co., Inc., November 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse sand, grits and gravel	29	29
Brown lumpy clay with grits and sand	14	43
Medium brown sand	9	52
Brown sandy clay with mica and silt	11	63
Dark brown sandy clay	43	106
Medium coarse dark brown sand, little grit	8	114
Light brown sandy clay	3	117
Light brown medium coarse sand and few grits	8	125
Lumpy sandy clay, mica and silt	5	130
Casing: 10 inches.		
Screen: 19 $\frac{1}{3}$ feet of 10 inch with bottom at 124 feet.		
Pumping test:		
November 27, 1954. Duration:		9 hours
Static water level:		31 feet
Drawdown:		41 feet
Yield:		620 gpm

N-4464. (C-8) Hills Super Market, south of Conklin Street and east of Main Street, Farmingdale. Drilled by Fred Habenicht & Sons, May 3, 1954.

Log:	Thickness (feet)	Depth (feet)
Cellar	12	12
Sand and gravel	30	42
Casing: 4 inches.		
Screen: 10 feet of 4 inch with bottom at 42 feet.		
Pumping test:		
May 1, 1954. Duration:		3 hours
Static water level:		14 feet
Drawdown:		14 feet
Yield:		72 gpm

N-4466. (C-5) Sunrise Food Exchange, south of Hempstead Turnpike and west of William Avenue, Franklin Square. Drilled by Eastern Well & Pump Co., October 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement	9	9
Light brown sand	7	16
Clean sharp light brown sand and gravel	21	37
Casing: 6 inches.		
Screen: 10 feet of 4 inch with bottom at 46 $\frac{2}{3}$ feet.		
Pumping test:		
October 5, 1954. Duration:		2 hours
Static water level:		9 feet
Drawdown:		4 feet
Yield:		69 gpm

N-4471. (C-6) Hempstead Memorial Chapel, Inc., east of Greenwich Street and south of North Grove Street, Hempstead. Drilled by Mathies Well & Pump Co., Inc., July 23, 1957.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	35	35
Casing: 4 inches.		
Screen: 6 feet of 4 inch with bottom at 35 feet.		
Pumping test:		
July 23, 1954. Duration:		2 hours
Static water level:		10 feet
Yield:		55 gpm

N-4483. (B-6) Nassau Hebrew Congregation of Rockville Centre, south of Lakeview Avenue and west of Hempstead Avenue, Rockville Centre. Drilled by Eastern Well & Pump Co., April 12, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse light brown sand	4	4
Medium to fine white sand, grits and gravel	7	11
Medium to coarse brown sand and grits	6	17
Medium to fine brown sand	13	30
Medium light brown sand and grits, few gravel	16	46
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 53 feet.		
Pumping test:		
April 12, 1954. Duration:		2 hours
Static water level:		4 $\frac{1}{2}$ feet
Drawdown:		5 feet
Yield:		78 gpm

N-4493. (D-8) Joseph M. Rottkamp, north of Bethpage Road and east of Plainview Road, Plainview. Drilled by Eastern Well & Pump Co., June 8, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil, fine brown sandy soil	17	17
Coarse light brown sand, grits and gravel	36	53
Fine brown sand, mica, lumps clay	8	61

N-4493. (Continued)

	Thickness (feet)	Depth (feet)
Solid gray brown clay	1	62
Dirty light brown coarse sand and gravel	7	69
Very fine and hard dark brown sand	6	75
Medium brown sand, lot small grit	6	81
Very hard fine brown sand—lump clay	12	93
Hard solid gray clay	5	98
Very hard dirty brown sand	8	106
Layer of hardpan, dirty brown sand, grit and gravel, lumpy clay	6	112
Light brown sand, clean and sharp	16	128
Layers of clay and sand	3	131
Light brown sand, small lump of clay	3	134
Brown clay, layer hardpan	6	140
Dirty brown fine sand	9	149
Hard solid gray clay	1	150
Hard brown sand, clay, mica	13	163
Layer gray clay	at	163
Fine brown sand, clay and mica	10	173
Layer gray clay	at	173
Brown sand and clay	7	180
Hard black clay	9	189
Fine dirty brown sand	2	191
Fine brown sand and clay	6	197
Fairly clean brown sand	5	202
Soft sandy clay	5	207
Hard sandy clay	1	208
Dirty brown sandy clay, mica	3	211
Light brown fine sand and mica	6	217
Fine to medium clean sand	5	222
Brown sand, fairly clean	2	224
Coarse brown sand	1	225
Layer clay, hardpan	at	225
Fine to coarse dirty sand, lump of clay	5	230
Layer brown clay, hardpan	1	231
Very fine silty sand	9	240
Clean sharp fine to medium sand	15	255
Solid gray clay	at	255
Brown sandy clay	5	260
Fine reddish brown sand, mica	9	269
Fine sand and clay	3	272
Dirty fine sand	6	278
Fine to medium red brown sand	3	281
Brown sand, lumps of clay	8	290
Fine sand and clay	2	292
Fine sand and clay	6	298
Hard brown clay	2	300
Soupy dirty brown sand and mica	10	310
Fine clean sharp sand	5	315
Fine to medium soupy brown sand	2	317
Solid gray clay	5	322
Solid gray clay	14	336
Light brown sand, mica, lump clay	8	344
Fine gray white sand	14	358
Fine yellow brown sand, hardpan	7	365
Fine light brown sand, gray and white clay	1	366
Fine silty brown sand, clay, mica	22	388
Clay, brown coarse sand	2	390

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N-4493. (Continued)

	Thickness (feet)	Depth (feet)
Dirty formation clay, hardpan, soupy sand	16	406
Fine gray sand, mica, grits	18	424
Fairly clean fine brown sand	18	442
Fine to medium gray brown sand	5	447
Layer hard gray clay	2	449
Dark gray dirty sand	6	455
Hardpanat		455
Light brown coarse sand	6	461
Clayat		461
Soupy light brown sand, hardpan	4	465
Very fine light brown sand, clay	6	471
Solid gray clay	3	474
Sandy clay and hard sandat		474

Casing: 8 inches.

Screen: 30 feet of 6 inch with bottom at 458½ feet.

Pumping test:

December 12, 1954. Duration: 4 hours
 Static water level: 96½ feet
 Yield: 300 gpm

N-4498. (C-6) Sears Roebuck & Company, north of Main Street and west of Columbia Street, Hempstead. Drilled by Eastern Well & Pump Co., April 22, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement	10	10
Coarse brown sand	6	16
Light brown, clean sharp sand, grits and gravel	2	18
Dark brown grits and gravel	32	50
Light brown, clean sand, small grits and gravel	6	56

Casing: 4 inches.

Screen: 52⅓ feet of 4 inch with bottom at 55⅔ feet.

Pumping test:

April 22, 1954. Duration: 3 hours
 Static water level: 10 feet
 Yield: 50 gpm

N-4507. (B-5) Ellis Davidson, northwest of Sealy Avenue and Sterling Place, Lawrence. Drilled by Eastern Well & Pump Co., May 11, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	7	7
Fine white sand	3	10
Hard-packed fine white sand	7	17
Fine brown sand and clay	6	23
Dirty brown sand, grits, some stones	5	28
Dark brown coarse sand, grits	7	35
Coarse light brown sand, grits, heavy gravel	6	41
Fine silty black sand	2	43

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N-4507. (Continued)

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 39 feet.

Pumping test:

May 11, 1954.	Duration:	2	hours
	Static water level:	4	feet
	Drawdown:	5½	feet
	Yield:	50	gpm

N-4511. (E-7) Leo G. Nunes, Incorporated Village of Cove Neck. Drilled by E. K. Hutchinson & Son, August 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	30	30
Clay	60	90
Sand and gravel	15	105

Casing: 6 inches.

Screen: 5 feet of 5⅝ inch with bottom at 110 feet.

Pumping test:	Duration:	8	hours
	Static water level:	30	feet
	Drawdown:	85	feet
	Yield:	6	gpm

N-4512. (C-5) Jamaica Water Supply Company, north of Southern State Parkway and west of Franklin Avenue, North Valley Stream. Drilled by Layne-New York Co., Inc., July 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse red sand	40	40
Sand and gravel	23	63
Fine muddy sand and clay	17	80
White clay, fine sand	29	109
Blue clay	2	111
Muddy sand, clay and wood	74	185
Sand and gravel, streaks of clay	38	223
Muddy sand, wood, streaks of hard clay	40	263
Medium fine sand, wood and clay streaks	34	297
Tough clay	12	309
Medium coarse sand, clay streaks	39	348
Clay	9	357
Sand and gravel	5	362
Tough clay	14	376
Sand and gravel, clay streaks	38	414
Sandy clay, sand and gravel	24	438
Coarse sand, gravel, wood and clay	24	462
Coarse sand and fine gravel	35	497
Coarse sand, white clay	8	505
Tough clay	5	510
Black clay	12	522

Casing: 24, 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 504 feet.

Pumping test:

May 20, 1954.	Duration:	8	hours
	Static water level:	18	feet
	Drawdown:	64	feet
	Yield:	1700	gpm

N-4513. (B-5) Murray Silverman, southeast of Pepperidge Road and Azure Road, Hewlett Harbor. Drilled by Eastern Well & Pump Co., April 24, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Black bog, beach sand	5	6
Dirty brown sand and grits	4	10
Clean brown sand, grits and gravel	3	13
Brown coarse sand, grits and gravel	9	22
Red-brown sand, mostly grits and gravel	3	25
Clean red-brown sand, grits and gravel	4	29
Solid brown clay		below 29
Casing: 4 inches.		
Screen: 5½ feet of 4 inch with bottom at 25½ feet.		
Pumping test:		
April 24, 1954. Duration:		2 hours
Static water level:		4 feet
Yield:		50 gpm

N-4514. (B-5) Samuel Zimmerman, southeast of Fairway and Lakeside Drive, Woodmere. Drilled by Eastern Well & Pump Co., June 1, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Beach sand	3	4
Dark brown sand	6	10
Light brown clean sand, lot of small grit and gravel	10	20
Gray-brown sand, grit and gravel	8	28
Medium sharp gray-brown sand, grit and gravel	1	29
Solid gray clay		below 29
Casing: 4 inches.		
Screen: 5½ feet of 4 inch with bottom at 28 feet.		
Pumping test:		
June 1, 1954. Duration:		2 hours
Static water level:		8½ feet
Yield:		50 gpm

N-4515. (B-5) Jack Wachs, southwest of Clubhouse Road and Tee Court, Woodmere. Drilled by Eastern Well & Pump Company, April 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Fine brown sandy loam	2	3
Fine uniform brown sand	3	6
Beach sand	2	8
Brown fairly clean medium sand, small grit and gravel	12	20
Light brown sharp coarse sand, grit and gravel	3	23
Layer of silt and beach sand		at 23
Light brown sand, grits and gravel	1	24
Dark gray sand, clay and mica		below 24
Casing: 4 inches.		
Screen: 5½ feet of 4 inch with bottom at 24 feet.		

N-4515. (Continued)

Pumping test:
April 27, 1954. Duration: 2 hours
Static water level: 6½ feet
Yield: 50 gpm

N-4516. (B-5) Sol M. Weingast, southwest of Dolphin Drive and Curtis Road, Hewlett Neck.
Drilled by Eastern Well & Pump Co., May 17, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill, sand and rocks	3	3
Beach sand, bog, clam shells	12	15
Hard sandy black clay	3	18
Dirty gray-brown sand, grits and gravel	2	20
Silt, lumps clay, clam shells	8	28
Fairly solid gray-black sandy clay	4	32
Hard gray clay	11	43
Medium to coarse dirty sand, some small grits	5	48
Small sharp cleaner sand, grits	4	52
Fine clean light brown sand	2	54
Medium coarse gray sand, grit and gravel	9	63
Brown dirty sand, lumps hard gray clay		below 63

Casing: 4 inches.

Screen: 10 feet of 4 inch with bottom at 60 feet.

Pumping test:
July 14, 1954. Duration: 2 hours
Static water level: 6½ feet
Drawdown: 10⅓ feet
Yield: 50 gpm

N-4518. (E-7) Robert Rose, north of Valley Road and east of Chicken Valley Road, Matinecock. Drilled by Mathies Well & Pump Co., Inc., April 22, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	6	6
Heavy gravel and coarse sand	80	86
Medium sand and grits	5	91

Casing: 6 inches.

Screen: 11 feet of 3¾ inch with bottom at 90 feet.

Pumping test:
April 22, 1954. Duration: 4 hours
Yield: 25 gpm

N-4532. (C-5) Freeman Hendrickson, north of East Carpenter Street and west of Cornwall Avenue, Valley Stream. Drilled by Eastern Well & Pump Co., April 30, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	27	27

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 27 feet.

Pumping test: Duration: 2 hours
Static water level: 6 feet
Drawdown: 7 feet
Yield: 50 gpm

N-4541. (B-5) Samuel Stein, south of Lefferts Road and east of Cedar Avenue, Hewlett Bay Park. Drilled by Eastern Well & Pump Co., June 7, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and heavy gravel	9	9
Bog, dirty water	8	17
Dark brown sand and stones	3	20
Gray hard clay	3	23
Clam shells, dirty water bearing sand	1	24
Clam shells, sand, some stones	7	31
Clam shells, very fine sand	7	38
Hard gray clay	2	40
Medium sharp sand, some grit, dirty water	5	45
Medium coarse sand, grits	8	53
Grit, gravel, some fine sand	2	55
Dark brown sand, lot of grit and gravel	3	58

Casing: 4 inches.

Screen: 11½ feet of 4 inch with bottom at 47 feet.

Pumping test:

June 7, 1954.	Duration:	2 hours
	Static water level:	5 feet
	Yield:	50 gpm

N-4542. (B-5) Charles Goldberger, south of Piedmont Street and west of Vedor Drive, Hewlett Bay Park. Drilled by Eastern Well & Pump Co., August 19, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit	4	4
Fine brown sandy silt, mica	14	18
Dirty layer gravel, hard gray clay	1	19
Dark gray sandy silt, soft clay	12	31
Dark gray sandy clay, clam shells	7	38
Gray sand, dirty small grit, has life	6	44
Solid gray clay	5	49
Fine to medium sharp light brown sand, mica, small grits	11	60
Very dark brown sand, mica, silty looking		below 60

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 54 feet.

Pumping test:

August 19, 1954.	Duration:	2 hours
	Static water level:	71⅓ feet
	Drawdown:	17½ feet
	Yield:	50 gpm

N-4548. (D-7) Milleridge Inn, south of Jericho Turnpike and east of Jericho-Hicksville Road, Jericho. Drilled by Mathies Well & Pump Co., August 18, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	8	8
Sand, gravel and boulders	10	18
Yellow clay and gravel	4	22
Hardpan	11	33
Heavy gravel	31	64
Coarse sand and gravel	21	85

N-4548. (Continued)	Thickness (feet)	Depth (feet)
Very heavy gravel and some sand	20	105
Yellow clay and gravel	7	112
Sand, gravel and some yellow clay	16	128
Yellow clay and grits	9	137
Coarse gravel	1	138
Yellow clay and gravel	3	141
Grits and gravel	2	143
Coarse sand and gravel	7	150
White clay and fine sand		below 150
Casing: 8 inches.		
Screen: 11½ feet of 4 inch with bottom at 150 feet.		
Pumping test:		
June 21, 1954. Duration:	1	hour
Static water level:	114⅔	feet
Yield:	75	gpm

N-4558. (B-6) Grand Union Store, south of Randall Avenue and west of North Village Avenue, Rockville Centre. Drilled by C. W. Lauman & Co., Inc., June 29, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit	4	4
Fill and loamy sand	6	10
Coarse sand and gravel	10	20
Blue clay and sand	5	25
Medium coarse sand and some gravel	25	50
Coarse sand and gravel	5	55
Fine grayish-brown sand	2	57
Fine gray sand and clay	3	60
Casing: 4 inches.		
Screen: 11 feet of 4 inch with bottom at 51 feet.		
Pumping test:		
May 4, 1954. Duration:	4	hours
Static water level:	6	feet
Drawdown:	9	feet
Yield:	75	gpm

N-4574. (B-5) Sidney Pincus, southwest of Pepperidge and Azure Roads, Hewlett Harbor. Drilled by Eastern Well & Pump Co., May 11, 1954.

Log:	Thickness (feet)	Depth (feet)
Beach sand, black bog	6	6
Dirty brown sand	4	10
Brown sand, grits and gravel	12	22
Red-brown sand, mostly grits and gravel	3	25
Clean red-brown sand, grits	6	31
Casing: 4 inches.		
Screen: 5½ feet of 4 inch with bottom at 30 feet.		
Pumping test:		
May 11, 1954. Duration:	2	hours
Static water level:	4	feet
Yield:	50	gpm

N-4576. (B-6) Good Humor Corporation, north of Mahland Place and west of Long Beach Road, Oceanside. Drilled by S. J. Breen Co., Inc., August 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and clay	4	4
Coarse sand and grit	36	40

Casing: 6 inches.

Screen: 6 feet of 5½ inch with bottom at 39½ feet.

Pumping test:

August 27, 1954.	Duration:	4 hours
	Static water level:	9 feet
	Drawdown:	11 feet
	Yield:	60 gpm

N-4577. (C-5) Koenig's Restaurant, north of Mayflower Street and west of South Tyson Avenue, Floral Park. Drilled by Mathies Well & Pump Co., Inc., May 15, 1954.

Log:	Thickness (feet)	Depth (feet)
Cellar	8	8
Coarse sand, little gravel	31	43
Coarse sand, grits, few gravel	15	58
Coarse sand and gravel	12	70

Casing: 4 inches.

Screen: 5 feet of 3¾ inch with bottom at 61 feet.

Pumping test:

May 15, 1954.	Duration:	2 hours
	Static water level:	35 feet
	Yield:	45 gpm

N-4579. (B-5) Samuel Meiselam, southwest of Union and Rowe Avenues, Lynbrook. Drilled by Eastern Well & Pump Co., June 9, 1954.

Log:	Thickness (feet)	Depth (feet)
Orange sand, grit and small stones	10	10
Fine sand	2	12
Heavy gravel, large stones, yellow sand	6	18
Yellow-brown sand, grits and gravel	1	19
Very hard-packed gray sand	2	21
Light brown sand and grits	4	25
Clean coarse sand, many grits	15	40

Casing: 4 inches.

Screen: 42⅓ feet of 4 inch with bottom at 39⅔ feet.

Pumping test:

June 9, 1954.	Duration:	2 hours
	Static water level:	19½ feet
	Yield:	35 gpm

N-4593. (E-8) Mrs. Joanna Hadden, south of Route 25A and west of Depot Road, Cold Spring Harbor. Drilled by Weidner's Pump Service, July 1, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit	8	8
Stones	22	30
Fine sand	45	75
Fine sand and clay	33	108
Fine sand and white clay	23	131
Sand	4	135
White clay	15	150
Coarse sand and gravel	9	159

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 156½ feet.

Pumping test:

June 29, 1954.	Duration:	4 hours
	Static water level:	20 feet
	Drawdown:	38 feet
	Yield:	55 gpm

N-4596. (D-5) Grand Union Store, 182 Plandome Road, Manhasset. Drilled by C. W. Lauman & Co., Inc., September 10, 1954.

Log:	Thickness (feet)	Depth (feet)
Concrete and fill	1	1
Coarse sand, heavy gravel	2	3
Coarse medium brown sand and gravel	23	26
Coarse brown sand and gravel	48	74
Medium fine yellow lumps of clay	10	84
Fine gray sand	9	93
Medium to fine yellow sand	5	98
Fine gray sand	17	115
Medium fine yellow sand and yellow clay	5	120
Medium to fine gray sand	5	125
Medium fine sand and grits	7	132
Coarse gray sand and grits	8	140

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 138 feet.

Pumping test:

June 26, 1954.	Duration:	5 hours
	Static water level:	95 feet
	Drawdown:	7 feet
	Yield:	45 gpm

N-4598. (C-7) Grand Union Store, north of Levittown Parkway and west of Newbridge Road, Levittown. Drilled by C. W. Lauman & Co., Inc., September 21, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement	8	8
Coarse sand and gravel	64	72

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 63 feet.

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N-4598. (Continued)

Pumping test:
 September 14, 1954. Duration: 2 hours
 Static water level: 32 feet
 Drawdown: 8 feet
 Yield: 75 gpm

N-4617. (D-7) Plainview Center, Inc., north of Woodbury Road and east of South Oyster Bay Road, Plainview. Drilled by C. W. Lauman & Co., Inc., February 21, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	10	10
Coarse sand and gravel	13	23
Sand and clay	77	100
Medium coarse sand, clay	10	110
Sandy clay	5	115
Clay	1	116
Brown sand, clay (active)	7	123
Fine to medium yellow sand (active)	3	126
Medium yellow sand	3	129
Medium fine yellow sand and gravel	9	138
Medium yellow sand and gravel	6	144
Fine yellow sand	31	175
Fine brown sand	3	178
Fine to medium brown sand	18	196
Fine yellow sand	7	203

Casing: 6 inches.

Screen: 25 feet of 6 inch with bottom at 199 feet.

Static water level: 93 feet
 Yield: 150 gpm

N-4623. (D-6) Roslyn Water District, north of Diana's Trail and east of Searingtown Road, Roslyn. Drilled by Layne-New York Co., Inc., April 14, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Gravel and boulders	6	8
Hard clay	10	18
Sand, gravel and boulders	50	68
Hard sand	40	108
Very hard sand	22	130
Sand, gravel, streaks of clay	60	190
Hard-packed sand and clay	87	277
Hard sand and wood	33	310
Hard dry sand	55	365
Hard streaks	1	366
Hard sand, fine gravel	56	422
Hard sand and clay	10	432
Hard sand and gravel	16	448
Coarse sand and gravel, some hard streaks	53	501
Tough white clay	20	521

Casing: 18 inches.

Screen: 50 feet of 12 inch with bottom at 498 feet.

N-4623. (Continued)

Pumping test:
 April 14, 1955. Duration: 8 hours
 Static water level: 201 feet
 Drawdown: 76 feet
 Yield: 1050 gpm

N-4633. (D-7) Meadowbrook Club, north of Jericho Turnpike and west of Hicksville Road, Jericho. Drilled by C. W. Lauman & Co., Inc., December 6, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam and large gravel	2	2
Coarse brown sand, grits, large gravel, niggerheads	50	52
Coarse brown sand, gravel, grits	50	102
Medium coarse brown sand, grits	55	157
Fine brown sand and clay	5	162
Coarse brown sand, grits, gravel	11	173
Medium coarse brown sand and grits	44	217
Fine brown sand, streaks of clay	32	249
Fine brown sand	20	269
Fine brown sand, streaks of solid sandy clay	4	273
Fine gravel, sand, clay, layers of sandy clay	16	289
Fine gray sandy clay	19	308

Casing: 16 inches.

Screen: 52 feet of 12 inch with bottom at 205½ feet.

Pumping test:
 August 25, 1954. Duration: 8 hours
 Static water level: 94 feet
 Drawdown: 15 feet
 Yield: 1250 gpm

N-4640. (C-5) The Fairlanes, Inc., north of Lakeville Road and west of Lowell Avenue, New Hyde Park. Drilled by Eastern Well & Pump Co., July 30, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	7	7
Dark brown coarse sand	38	45
Dark brown coarse sand and lot of grits	15	60
Dark brown coarse sand	7	67
Light brown coarse sand	9	76

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 79 feet.

Pumping test:
 November 24, 1954. Duration: 3 hours
 Static water level: 45 feet
 Yield: 100 gpm

N-4678. (E-5) Manda Realty Co., Inc., north of Yennecock Avenue and west of Sagamore Hill Road, Manorhaven. Drilled by Mathies Well & Pump Co., Inc., December 28, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	1	1
Medium sand	6	7
Bog	2	9

(Continued on next page)

N-4678. (Continued)

	Thickness (feet)	Depth (feet)
Medium sand	4	13
Coarse sand and gravel	3	16
Fine sand and few small grits	5	21
Fine sand	10	31

Casing: 4 inches.

Screen: 9 feet of 4 inch with bottom at 30 feet.

Pumping test:

December 28, 1954. Duration: 2 hours
 Static water level: 9½ feet
 Yield: 75 gpm

N-4693. (B-6) Krown Realty, east of Grand Avenue and north of Brooklyn Avenue, Baldwin. Drilled by C. W. Lauman & Co., Inc., September 9, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement	9	9
Fine brown sand	10	19
Coarse brown sand, grits and gravel	12	31
Very fine sand and mica	3	34
Very fine gray sand and mica	3	37
Fine gray sand, clay and some shells	2	39
Fine gray sand and mica	10	49
Gray clay		below 49

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 23 feet.

Pumping test:

July 21, 1954. Static water level: 9 feet
 Drawdown: 11 feet
 Yield: 60 gpm

N-4695. (D-5) Grand Union Store, south of Revere Drive and east of Port Washington Boulevard, Port Washington. Drilled by C. W. Lauman & Co., Inc., August 25, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit	4	4
Fill	4	8
Coarse brown sand and gravel	21	29
Gray clay	13	42
Gray clay, some gravel and stones	11	53
Medium fine brown sand and some gravel	8	61
Medium coarse light brown sand, some grits and gravel	22	83

Casing: 8 inches.

Screen: 11 feet of 6 inch with bottom at 79 feet.

Pumping test:

August 25, 1954. Duration: 4 hours
 Static water level: 25 feet
 Drawdown: 8 feet
 Yield: 79 gpm

N-4708. (D-7) Pittsburgh Plate Glass Co., Hicksville. Drilled by Layne-New York Co., Inc.,
October 7, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Sand and gravel	34	36
Iron pyrites and clay	6	42
Red sand	5	47
Coarse white sand	2	49
White clay streaks	6	55
Medium white sand	19	74
White and gray clay	6	80
Soft white clay	7	87
Fine white sand	3	90
White and blue clay	2	92
Coarse sand and gravel	6	98
Medium white sand	13	111
White clay, yellow streaks	9	120
Clay and iron pyrite	2	122
Medium and fine white sand	2	124
White, gray and yellow clay	7	131
Hard gray clay	3	134
Iron pyrites and gray clay	4	138
Medium and fine white sand	2	140
Fine sand	2	142
Iron pyrites, fine sand	7	149
Iron pyrites and clay	4	153
Yellow clay	1	154
Medium fine sand	1	155
Sandy gray clay	2	157
Medium sand and iron pyrite	13	170
Clay and iron pyrites	1	171
Medium white sand	1	172
Iron pyrites and clay	5	177

Casing: 10 and 16 inches.

Screen: 20 feet of 10 inch with bottom at 169 feet.

Pumping test:

July 19, 1954.	Duration:	3	hours
	Static water level:	47½	feet
	Drawdown:	13	feet
	Yield:	439	gpm

N-4754. (D-4) Sam Praver, north of Beach Road and west of West Shore Road, Kings Point.
Drilled by C. W. Lauman & Co., Inc., November 12, 1954.

Log:	Thickness (feet)	Depth (feet)
Brown sand and fine gravel	24	24
Brown sand and medium coarse gravel	20	44
Brown sand and coarse gravel	15	59
Yellow sand, coarse gravel, clay	15	74
Yellow sand, medium coarse gravel, clay	8	82
Fine yellow sand, gravel, clay	4	86

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 86 feet.

November 12, 1954.	Duration:	2	hours
	Static water level:	47	feet
	Drawdown:	34	feet
	Yield:	65	gpm

N-4756. (C-7) Uniondale Water District, south of Wilson Road and east of Sterling Street, East Hempstead. Drilled by C. W. Lauman & Co., Inc., May 10, 1955.

Log:	Thickness (feet)	Depth (feet)
Loam	3	3
Coarse brown sand and gravel	50	53
Coarse brown sand, gravel and brown clay	3	56
Solid gray clay, layers of lignite	12	68
Medium fine gray sand, grit, gravel and clay	2	70
Fine gray sand, clay	37	107
Fine brown sand	11	118
Fine gray sand—streaks sandy clay, solid clay lignite	36	154
Solid gray clay	19	173
Fine gray sandy clay	6	179
Fine gray sand, layers of sandy clay and lignite	34	213
Fine gray sand, mica, clay	17	230
Fine gray sand, mica, streaks of clay, lignite	14	244
Fine gray sand, mica, streaks lignite	10	254
Fine gray sand, streaks of lignite, solid clay	6	260
Fine gray sand, mica, streaks of lignite	28	288
Fine gray sand, mica, streaks lignite, solid clay	17	305
Solid gravel, streaks of fine gray sand, lignite	6	311
Fine gray sandy clay, streaks of lignite, solid clay	9	320
Fine gray sand, mica, streaks of lignite, pyrite	29	349
Fine gray sandy clay	5	354
Fine gray sand, clay, mica	53	407
Solid gray clay	10	417
Fine gray sand, solid clay, lignite	6	423
Fine brown sand, mica, clay	4	427
Fine brown sand, mica	17	444
Medium, coarse brown sand, clay	17	461
Gray sandy clay, solid clay, lignite	5	466
Fine brown sand, sandy and solid clay, lignite	5	471
Fine brown sand	10	481
Fine gray sand, layers of sandy clay, lignite	10	491
Gray sandy clay	4	495
Solid gray clay	6	501
Fine brown sand	5	506
Fine brown sand, streaks of clay, lignite	6	512
Fine brown sand, streaks of sandy clay, grits	11	523
Gray sandy clay	30	553
Medium brown sand, streaks of gray sandy clay	5	558
Fine brown sand, grits, gravel, streaks of clay	15	573
Solid gray clay	5	578
Medium coarse brown sand, gray sand, grits, streaks of clay	12	590
Coarse brown pinkish sand, clay, grits, gravel, streaks of solid clay	16	606
Coarse brown sand, grits, gravel	21	627
Medium brown sand	5	632
Coarse brown sand, grits, gravel, stones, streaks of solid clay	3	635
Solid hard multi-colored clay, gravel	16	651
Fine gray sandy clay, streaks solid clay	31	682
Solid gray clay, streaks of sandy clay, lignite	12	694
Solid hard brown gravel clay	10	704
Solid gray clay, streaks pyrite	32	736
Fine gray sandy clay, mica	21	757
Solid gray clay, streaks pyrite	28	785
Solid gray clay, streaks sandy clay, lignite	22	807
Solid hard gray and red clay	9	816
Gray sandy clay, mica	6	822
Fine gray sand, mica, streaks of solid clay	5	827

N-4756. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, mica	36	863
Medium gray sand, grits, gravel	19	882
Fine gray sandy clay, mica	17	899
Medium fine gray sand, clay, streaks of solid clay	9	908

Casing: 18 inches.

Screen: 62 $\frac{1}{3}$ feet of 12 inch with bottom at 307 feet.

Pumping test:

October 6, 1954.	Duration:	8 hours
	Static water level:	21 feet
	Drawdown:	29 feet
	Yield:	1200 gpm

N-4760. (E-7) Pine Hollow Country Club, north of North Hempstead Turnpike and east of Split Rock Road, East Norwich. Drilled by C. W. Lauman & Co., Inc., August 15, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam and sandy clay	5	5
Coarse brown sand, gravel, boulders	47	52
Coarse brown sand, gravel, large stones	21	73
Coarse brown sand, gravel, some clay	82	155
Medium brown sand	30	185
Fine brown sand, some gravel	33	218
Fine brown sand, some gravel	3	221
Coarse brown sand, gravel, streaks clay	4	225
Medium brown sand, gravel	19	244

Casing: 12 inches.

Screen: 32 feet of 8 inch with bottom at 240 feet.

Pumping test:

September 15, 1954.	Duration:	4 hours
	Static water level:	172 feet
	Drawdown:	13 feet
	Yield:	674 gpm

N-4763. (E-5) Gustave Schindler Estate, north of Middle Neck Road and west of Harbor Hills Road, Sands Point. Drilled by C. W. Lauman & Co., Inc., September 20, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit	4	4
Large stones, gravel and sand	36	40
Coarse sand and gravel	35	75
Fine sand	21	96
Medium fine sand, grit and gravel	11	107
Sandy clay	8	115

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 102 feet.

Static water level:	89 feet
Yield:	13 gpm

N-4766. (C-7) Sunrise Food Exchange, north of Falcon Street and east of Newbridge Road, East Meadow. Drilled by Eastern Well & Pump Co., August 6, 1954.

Log:	Thickness (feet)	Depth (feet)
Cellar	9	9
Clean brown sand	12	21
Clean brown sand, grits, gravel (darker)	15	36
Clean brown sand, grits, gravel	13	49
Casing: 6 inches.		
Screen: 6 feet of 4 inch with bottom at 49 feet.		
Pumping test:		
August 6, 1954. Duration:	2	hours
Static water level:	13 $\frac{1}{4}$	feet
Drawdown:	71	feet
Yield:	69	gpm

N-4772. (C-6) Great Neck Saw Co., south of Union Street and west of East Second Street, Mineola. Drilled by Fred Habenicht & Sons, November 29, 1954.

Log:	Thickness (feet)	Depth (feet)
Well pit	6	6
Coarse sand and gravel	32	38
Very coarse sand and pebbles	21	59
Large stones	9	68
Very coarse sand and pebbles	11	79
Very fine red sand	2	81
Casing: 6 inches.		
Screen: 10 feet of 5 $\frac{3}{4}$ inch with bottom at 79 feet.		
Pumping test:		
November 3, 1954. Duration:	1	day
Static water level:	45	feet
Drawdown:	16	feet
Yield:	85	gpm

N-4789. (C-7) Empress Diners, Inc., Hempstead Turnpike and Newbridge Road, East Meadow. Drilled by Eastern Well & Pump Co., August 6, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	6	6
Clean, light brown sand, grit and gravel	1	7
Very clean coarse sand	11	18
Heavy gravel, coarse sand	4	22
Layer sand and gravel (dirty)	at	22
Sand and gravel, clean and sharp	4	26
Clean sharp light brown sand, some grit and gravel	6	32
Clean sand and gravel	10	42
Casing: 6 inches.		
Screen: 5 feet of 4 inch with bottom at 40 feet.		
Pumping test:		
July 29, 1954. Duration:	2	hours
Static water level:	21 $\frac{1}{4}$	feet
Drawdown:	2	feet
Yield:	30	gpm

N-4807. (C-5) Redvanly Men's Shop, south of Tulip Avenue and west of Plainfield Road, Floral Park. Drilled by Eastern Well & Pump Co., December 20, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement	9	9
Light gray brown sand, grits	14	23
Coarse brown sand	34	57
Very coarse clean sand, lot of grits and gravel	8	65
Casing: 4 inches.		
Screen: 6 feet of 4 inch with bottom at 58 feet.		
Pumping test:		
December 20, 1954.	Duration:	3 hours
	Static water level:	39 feet
	Drawdown:	7 feet
	Yield:	45 gpm

N-4815. (B-6) Doctors Hospital, north of Merrick Road and west of Bayview Avenue, Freeport. Drilled by Eastern Well & Pump Co., March 24, 1955.

Log:	Thickness (feet)	Depth (feet)
Brown medium sand	3	3
Brown coarse sand, grits and few gravel	27	30
Fine gray beach sand, wood and mica	74	104
Medium gray sand	7	111
Medium to coarse gray sand and grits	18	129
Gray clay	4	133
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 127 feet.		
Pumping test:		
December 10, 1954.	Duration:	2 hours
	Static water level:	5 $\frac{2}{3}$ feet
	Drawdown:	4 feet
	Yield:	75 gpm

N-4859. (E-5) Port Washington Water District, south of Sandy Hollow Road, Port Washington. Drilled by Layne-New York Co., Inc., October 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Brown sand	15	15
Sand, gravel	10	25
Hardpan, boulders	17	42
Sand, gravel	8	50
Sandy clay	21	71
Muddy sand	19	90
Gray clay	82	172
Fine sand	4	176
Sandy clay, lignite	14	190
Fine sand	11	201
Brown clay	1	202
Brown muddy sand	11	213
Gray sand, fine to coarse	32	245
Blue clay, lignite	8	253
Sand	2	255

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N-4859. (Continued)

	Thickness (feet)	Depth (feet)
Clay, lignite	8	263
Gravel	2	265
Clay, lignite	16	281
Sand gravel	7	288
Clay	7	295
Sand, gravel	5	300
Clay	25	325
Sand	5	330
Clay	15	345
Muddy brown sand	3	348
Sand, gravel	40	388
Red muddy sand	1	389

Casing: 30, 20 and 12 inches.

Screen: 30 feet of 12 inch with bottom at 385 feet.

Pumping test:

September 28, 1954. Duration: 8 hours
 Static water level: 58 feet
 Drawdown: 14 feet
 Yield: 305 gpm

N-4860. (E-5) Port Washington Water District, south of Sandy Hollow Road, Port Washington. Drilled by Layne-New York Co., Inc., November 16, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	8	8
Gravel, streaks clay	29	37
Blue clay	3	40
Coarse sand and gravel	53	93
Clay	11	104

Casing: 30, 20 and 12 inches.

Screen: 30 feet of 12 inch with bottom at 90 feet.

Pumping test:

November 16, 1954. Duration: 8 hours
 Static water level: flows
 Drawdown: 20 feet
 Yield: 500 gpm

N-4893. (D-5) Temple Beth-El, west of Middle Neck Road and north of Old Mill Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., December 17, 1954.

Log:	Thickness (feet)	Depth (feet)
Fine brown sand	5	5
Brown sandy clay	20	25
Brown sand and clay	5	30
Brown sand, small gravel	15	45
Brown sand, some gravel	5	50
Coarse brown sand and small gravel	43	93
Blue clay	5	98

Casing: 6 inches.

Screen: 15¾ feet of 6 inch with bottom at 93 feet.

N-4893. (Continued)

Pumping test:
 November 15, 1954. Duration: 8 hours
 Static water level: 51 feet
 Drawdown: 10 feet
 Yield: 150 gpm

N-4924. (E-6) Woodside Farms, Inc., north of Glen Head Road and west of Cedar Swamp Road, Glen Head. Drilled by Long Island Water Supply Co., October 28, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	25	25
Brown clay	16	41
Coarse sand and gravel	20	61

Casing: 6 inches.
 Screen: 10 feet of 6 inch with bottom at 61 feet.

Pumping test:
 August 18, 1954. Duration: 4 hours
 Static water level: 15 feet
 Drawdown: 35 feet
 Yield: 45 gpm

N-5007. (D-7) Westbury Water District, north of Brush Hollow Road and west of Kings Street, North Hempstead. Drilled by Layne-New York Co., Inc., May 16, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel	14	14
Brown clay	1	15
Sand, clay, iron oxide	32	47
Brown sandy clay	3	50
Gray clay	24	74
White-brown clay	5	79
Brown sand	9	88
Sand clay	4	92
White sand	6	98
Clay	2	100
White sand	7	107
Clay	15	122
Sand, clay	21	143
Brown sand	8	151
Various colored clay	36	187
Brown sand	10	197
White clay	5	202
White-brown sand	21	223
Red-white clay	2	225
White-brown sand	35	260
Brown-white clay	2	262

Casing: 12 inches.
 Screen: 50 feet of 12 inch with bottom at 260 feet.

Pumping test:
 November 10, 1954. Duration: 8 hours
 Static water level: 37 feet
 Drawdown: 35 feet
 Yield: 1110 gpm

N-5008. (C-6) Nahas Rug Co., south of Hempstead Turnpike and west of Spruce Street, West Hempstead. Drilled by Eastern Well & Pump Co., October 21, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement	9	9
Coarse stoney sand	7	16
Clean coarse yellow-brown sand, grits and gravel	20	36
Casing: 4 inches.		
Screen: 4 $\frac{2}{3}$ feet of 4 inch with bottom at 35 $\frac{1}{2}$ feet.		
Pumping test:		
September 3, 1954. Duration:	3	hours
Static water level:	16	feet
Drawdown:	3 $\frac{2}{3}$	feet
Yield:	40	gpm

N-5010. (B-5) Temple Israel, north of Central Avenue and east of Winchester Place, Lawrence. Drilled by Eastern Well & Pump Co., September 3, 1954.

Log:	Thickness (feet)	Depth (feet)
Medium coarse sand	5	5
Medium sand, grits and gravel	8	13
Medium to coarse sand (brown), mostly grits and gravel	8	21
Medium to coarse sand, lots of grits and gravel	8	29
Casing: 6 inches.		
Screen: 5 feet of 6 inch with bottom at 28 $\frac{1}{2}$ feet.		
Pumping test:		
September 3, 1954. Static water level:	15 $\frac{1}{3}$	feet
Drawdown:	9 $\frac{1}{4}$	feet
Yield:	60	gpm

N-5020. (C-6) Mr. & Mrs. Charles Alban, west of Kensington Avenue and north of Stewart Avenue, Garden City. Drilled by Fred Habenicht & Sons, September 19, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Sand and gravel	44	46
Sand and gravel		below 46
Casing: 6 inches.		
Screen: 8 feet of 4 inch with bottom at 46 feet.		
Pumping test:		
September 17, 1954. Duration:	4	hours
Static water level:	18	feet
Drawdown:	14	feet
Yield:	43	gpm

N-5023. (C-6) Albert De Meo, south of Stewart Avenue and east of Washington Avenue, Garden City. Drilled by Eastern Well & Pump Co., September 21, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	3	3
Dirty brown sand, stones	5	8
Clean brown sand, stones	12	20

N-5023. (Continued)	Thickness (feet)	Depth (feet)
Sand and gravel, some rust near static	13	33
Medium to fine sand and grits	7	40
Medium coarse sand, grits and gravel	15	55
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 52 feet.		
Pumping test:		
September 21, 1954. Duration:		2 hours
Static water level:		32 feet
Yield:		45 gpm

N-5026. (D-8) King Kullen Store, south of Old Country Road and east of Floral Avenue, Plainview. Drilled by C. W. Lauman & Co., Inc., October 14, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Coarse sand and gravel	43	48
Sand, some clay	46	94
Medium brown sand	6	100
Fine brown sand and clay	9	109
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 109 feet.		
Pumping test:		
October 14, 1954. Duration:		2 hours
Static water level:		72 feet
Drawdown:		23 feet
Yield:		70 gpm

N-5030. (C-6) Mercy Hospital Association, east of North Village Avenue and south of Southern State Parkway, Rockville Centre. Drilled by Eastern Well & Pump Co., October 1955.

Log:	Thickness (feet)	Depth (feet)
Pit	8	8
Medium to coarse brown sand	25	33
Medium to coarse reddish brown sand	6	39
Casing: 8 inches.		
Screen: 5 feet of 8 inch with bottom at 39 feet.		
Pumping test:		
September 9, 1954. Duration:		8 hours
Static water level:		17 feet
Drawdown:		4 feet
Yield:		160 gpm

N-5031. (C-6) Herbert Elsinger, south of Seventh Avenue and east of Franklin Avenue, Garden City. Drilled by Mathies Well & Pump Co., November 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and heavy gravel	43	43
Casing: 4 inches.		
Screen: 5½ feet of 4 inch with bottom at 43 feet.		

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N-5031. (Continued)

Pumping test:

November 5, 1954. Duration: 2 hours
Static water level: 22 feet
Yield: 40 gpm

N-5036. (C-7) Wantagh Fire District, north of Mill Road and east of Baltagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., September 15, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Coarse dark brown sand, grits and gravel	7	8
Coarse brown sand, grits and plenty of gravel	37	45

Casing: 6 inches.
Screen: 16 feet of 6 inch with bottom at 44 feet.

Static water level: 7 feet

N-5038. (B-6) Rockpro Corporation, north of Hempstead Avenue and east of North Village Avenue, Rockville Centre. Drilled by Mathies Well & Pump Co., Inc., September 7, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	32	32
Sand and balls of clay	10	42
Coarse sand and grits	30	72

Casing: 6 inches.
Screen: 15 feet of 6 inch with bottom at 71 feet.

Pumping test:
September 7, 1954. Duration: 4 hours
Static water level: 13 feet
Drawdown: 11 feet
Yield: 150 gpm

N-5058. (D-7) Levitt Residence, south of Wheatly-Brookville Highway and east of Cedar Swamp Road, Brookville. Drilled by C. W. Lauman & Co., Inc., April 22, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand and sandy clay	8	8
Boulders in sandy clay	54	62
Coarse sand, grits, gravel and boulders	6	68
Coarse sand, grits, gravel in hard-packed clay	18	96
Solid brown clay (hard-packed)	9	105
Coarse sand, grits, gravel in clay, hard-packed	24	129
Solid brown clay	6	135
Sand, coarse, grits and gravel	61	196
Solid brown clay	3	199
Fine sand, grits, gravel and clay	5	204
Medium coarse sand, grits and gravel	21	225
Sand, grits in clay	8	233
Medium brown sand, grits and gravel	20	253

Casing: 8 inches.
Screen: 20 feet of 8 inch with bottom at 255 feet.

N-5058. (Continued)

Pumping test:
November 17, 1954. Duration: 5 hours
Static water level: 151 feet
Drawdown: 8 feet
Yield: 200 gpm

N-5061. (B-5) Morris Klein, south of Baylis Place and west of Warriek Road, Lynbrook.
Drilled by Eastern Well & Pump Co., May 16, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Hard dirty gravel	5	8
Brown sand, grits and gravel	2	10
Fine brown sand	5	15
Very hard fine brown sand	10	25
Fine gray sand, mica	6	31
Light brown sand, clean and sharp, many grits and gravel	12	43

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 42 feet.

Pumping test:
May 6, 1955. Duration: 2 hours
Static water level: 19 feet
Drawdown: 2 feet
Yield: 45 gpm

N-5069. (D-6) S. Marino, north of Fox Hollow Lane and west of Old Wesbury Road, Old Westbury. Drilled by Michael Grandazza, November 22, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam and sand	15	15
Gravel	13	28
Rock	22	50
Sand and water	21	71
Fine sand	39	110
Coarse sand and water	30	140

Casing: 4 inches.

Screen: 12 feet of 4 inch with bottom at 140 feet.

Pumping test:
November 3, 1954. Duration: 5 hours
Static water level: 71 feet
Drawdown: 7 feet
Yield: 40 gpm

N-5071. (E-6) Nassau Country Club, south of Birnham Road and east of St. Andrews Lane, Glen Cove. Drilled by C. W. Lauman & Co., Inc., November 10, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil, clay, loam	3	3
Medium coarse brown sand, grits, gravel and rocks (boulders) to 8"	92	95
Coarse brown sand, grits, gravel and streaks of clay	5	100

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N-5071. (Continued)

	Thickness (feet)	Depth (feet)
Medium coarse brown sand, grits, and streaks of clay	34	134
Solid white clay	3	137
Gray sandy clay	26	163
Coarse sand, grits	7	170
Medium fine sand, grits, clay	18	188
Medium coarse sand, grits and gravel, streaks of clay	22	210
Fine gray sand, grits, clay	8	218
Coarse gray sand, grits, gravel	10	228
Coarse brown sand, grits, gravel	6	234
Brown sand, grits, gravel, streaks of clay	8	242
Fine sand, grits, gravel, clay	3	245

Casing: 12 inches.

Screen: 32 feet of 10 inch with bottom at 242 feet.

Pumping test:

October 26, 1954.	Duration:	10 hours
	Static water level:	90 feet
	Drawdown:	23 feet
	Yield:	672 gpm

N-5072. (B-5) B. Adler, north of Harbor Road and west of Thixton Drive, Hewlett Harbor.
 Drilled by Eastern Well & Pump Co., October 21, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Light brown sand and gravel	10	12
Black bog	8	20
Light brown medium clean hard-packed sand	12	32
Medium to coarse brown sand, grits and gravel	7	39
Brown solid clay	3	42
Dirty brown sand, few small grits running to clean sharp sand	8	50

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 55 feet.

Pumping test:

September 25, 1954.	Duration:	2 hours
	Static water level:	10 feet
	Drawdown:	10 feet
	Yield:	45 gpm

N-5074. (D-5) Geon International Corporation, south of Knights Bridge Road and east of
 Great Neck Road, Great Neck. Drilled by Mathies Well & Pump Co., Inc., December 1, 1954.

Log:	Thickness (feet)	Depth (feet)
Sandy brown clay and boulders	30	30
Heavy gravel and large stones	21	51
Coarse white sand and white clay	8	59
Brown clay	8	68
Gray clay	17	85
Sandy gray clay	7	92
White clay, little sand and grits	1	93
Coarse sand, grits and lot of clay	19	112
Coarse sand, grits and clay balls	8	120
White clay and sand		below 120

N-5074. (Continued)

Casing: 6 inches.

Screen: 6 feet of 4 inch with bottom at 118 feet.

Pumping test:

November 10, 1954. Duration: 3 hours
 Static water level: 63 feet
 Yield: 35 gpm

N-5075. (B-5) Herman Aibel, southeast of Sterling Place and Sealy Avenue, Lawrence.
 Drilled by Eastern Well & Pump Co., December 4, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	3	3
Medium to fine light brown sand	5	8
Light brown sharp sand, few grits, gravel	3	11
Very fine gray sand	1	12
Light brown sand, grit and gravel	8	20
Dirty brown sand, grit, gravel	9	29
Light brown medium sand, grit, gravel	2	31
Medium to coarse light brown sand, grit, gravel	6	37
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 35 feet.		
Pumping test:		
December 4, 1954. Duration:		3 hours
Static water level:		11 feet
Drawdown:		3 feet
Yield:		45 gpm

N-5076T. (C-5) Jamaica Water Supply Co., south of Madison Street and west of Cross Avenue, Elmont. Drilled by Layne-New York Co., Inc., December 7, 1954.

Log:	Thickness (feet)	Depth (feet)
Red sand and gravel	12	12
Gray sand, streaks clay	23	35
Brown sand	45	80
Red sand	22	102
Coarse yellow sand	36	138
Blue muddy sand and clay	42	180
Sand drilled good	25	205
Sand (muddy)	12	217
Blue clay	18	235
Sand streaks clay	35	270
Sand and gravel	11	281
Clay	8	289
Sand and gravel, not too good	46	335
Sandy clay	7	342
Sand, gravel and wood	93	435
Sand, gravel and clay streaks	28	463
Blue clay	12	475
Sand and streaks clay	8	483

Note: Temporary screen settings were made at the following depths:—

60 feet to 80 feet
 115 feet to 135 feet
 185 feet to 205 feet
 300 feet to 320 feet
 385 feet to 405 feet

Static water level for all strata was 31 feet below grade.

N-5079. (B-5) Joseph Miles, southeast of Channel Drive, Hewlett Harbor. Drilled by Mathies Well & Pump Co., Inc., January 25, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill	5	5
Medium sand and grits	10	15
Bog and sand	7	22
Coarse sand and grits	22	44
Coarse sand and grits (traces of clay)	12	56
Fine sand (some grits)	11	67
Coarse sand and grits	45	112
Gray clay (solid)	19	131
Sandy gray clay and gravel	6	137
Coarse sand and grits	6	143
Medium sand and grits	3	146
Medium fine sand	7	153

Casing: 4 inches.

Screen: 15 feet of 4 inch with bottom at 153 feet.

Pumping test:

January 25, 1955. Duration: 2 hours
 Static water level: 7 feet
 Yield: 45 gpm

N-5080. (C-7) Michaels Fair-Mart Food Stores, Inc., north of Wantagh Avenue and east of Park Avenue, Wantagh. Drilled by Eastern Well & Pump Co.

Log:	Thickness (feet)	Depth (feet)
Basement	8	8
Medium to coarse brown sand, grits and gravel	42	50

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 50 feet.

Pumping test:

October 20, 1954. Duration: 3 hours
 Static water level: 2 feet
 Drawdown: 4 feet
 Yield: 88 gpm

N-5081. (B-6) Stop-N-Shop Super Market, c/o S. & S. Wholesale Grocery Company, south of Merrick Road and east of Park Avenue, Baldwin. Drilled by Eastern Well & Pump Co., October 20, 1955.

Log:	Thickness (feet)	Depth (feet)
Cellar	8	8
Coarse brown sand and gravel	18	26

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 26 feet.

Pumping test:

October 18, 1954. Duration: 3 hours
 Static water level: 4 feet
 Drawdown: 7 feet
 Yield: 105 gpm

N-5085. (E-7) Mr. Jack Straus, Cove Road and Cove Neck Road, Oyster Bay. Drilled by Fred Habenicht & Sons, November 23, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit	8	8
Sand and stones	29	37
Large stones and gravel	16	53
Coarse (white) sand	44	97
Coarse (yellow) sand and pebbles	16	113
Yellow sand and very coarse, very little gravel	15	128

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 128 feet.

Pumping test:

October 24, 1954.	Duration:	1 day
	Static water level:	92 feet
	Drawdown:	6 feet
	Yield:	35 gpm

N-5099. (D-5) Manhasset-Lakeville Water District, south of Cumberland Avenue and east of Lakeville Road, Lake Success. Drilled by C. W. Lauman & Co., Inc., July 22, 1955.

Log:	Thickness (feet)	Depth (feet)
Loam and clay	5	5
Medium fine brown sand	20	25
Coarse brown sand, some grits and gravel	10	35
Coarse brown sand, some grits and gravel and lumps of clay	34	69
Coarse brown sand, grits, gravel, lumps of clay	113	182
Layers of fine brown sand, sandy clay and solid clay	6	188
Solid multi-colored clay	5	193
Fine brown sand	4	197
Layers of fine brown sand, sandy clay and solid clay	11	208
Fine brown sand	31	239
Layers of multi-colored sand, sandy clay and solid clay	11	250
Coarse brown sand, grits and gravel	9	259
Layers of fine brown sand and sandy clay	11	270
Solid brown clay	6	276
Layers of fine brown sand and sandy clay	16	292
Hard solid multi-colored clay	19	311
Solid gray clay, lignite, pyrite	36	347
Fine brown sand, some clay	5	352
Coarse brown sand, grits, gravel, clay	26	378
Fine white sand, grits, clay	5	383
Solid white clay	5	388
Fine brown sand, some clay	11	399
Layers of fine multi-colored sand and clay	4	403
Hard multi-colored clay	4	407
Hard solid gray clay	27	434

Casing: 20 inches.

Screen: 48 feet of 12 inch with bottom at 393 feet.

Pumping test:

April 6, 1955.	Duration:	9 hours
	Static water level:	148 feet
	Drawdown:	39 feet
	Yield:	1115 gpm

N-5110T. (D-5) Manhasset-Lakeville Water District, east of Valley Road, Manhasset-Lakeville. Drilled by Layne-New York Co., Inc., December 28, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill	15	15
Brown sand, boulders	44	59
Gravel, boulders	34	93
Fine brown sand	31	124
Sandy clay	21	145
Clay white	8	153
Sandy clay, black	11	164
Muddy sand	5	169
Clay	9	178
Red muddy sand	15	193
Clay	2	195
Muddy sand	10	205
Various color clay	33	238
Blue clay	10	248
Muddy sand	5	253
Sand	17	270
White clay	2	272
Sand	11	283
Muddy sand	4	287
Sand, clay	22	309
Blue clay	97	406

N-5114. (E-7) Joseph S. Stein, southwest of Centre Island Road, Centre Island. Drilled by Mathies Well & Pump Co., Inc., January 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Top soil	1	5
Loam	1	6
Coarse sand, gravel and large stones	6	12
Brown clay, coarse sand and gravel	33	45
Blue gray clay—little sand and grits	18	63
Fine gravel—gray clay	6	69
Fine to coarse sand and large stones	4	73
Brown clay and fine sand	2	75
Coarse sand and white clay	2	77
Very fine sand	13	90
Coarse sand with clay	2	92
Fine sand and clay	28	120
Coarse sand, grits and clay	2	122
Fine sand, gray clay and streaks of red clay	12	134
Coarse sand, grits, white and red clay	5	139
White clay and streaks of brown clay	11	150
Coarse sand and gravel and little brown clay	8	158

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 157 feet.

Pumping test:

January 28, 1955.	Duration:	2 hours
	Static water level:	34 feet
	Yield:	37 gpm

N-5115. (E-6) J. Balmfalk, west of Wheatley Road and south of Glen Head Road, Glen Head.
 Drilled by Mathies Well & Pump Co., Inc., November 15, 1954.

Log:	Thickness (feet)	Depth (feet)
Yellow clay	12	12
Brown clay and stones	20	22
Heavy gravel	22	44
White clay	10	54
Coarse sand and slight clay	15	69

Casing: 6 inches.

Screen: 6 feet of 4 inch with bottom at 69 feet.

Pumping test:

November 15, 1954. Duration: 2 hours
 Yield: 30 gpm

N-5121. (C-5) Long Island Water Corporation, north of Whitehall Street and west of Grand Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., December 22, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam	2	2
Medium brown sand, some clay	10	12
Medium brown sand, some grits	25	37
Fine brown sand, mica, few grits	5	42
Medium brown sand, grits	5	47
Fine brown sand, mica	11	58
Fine brown sand, some grits, layers sandy clay	5	63
Coarse brown sand, grits, some clay, layers sandy clay	4	67
Fine brown sand, mica	5	72
Fine brown sand, gravel, layers solid and sandy clay	12	84
Fine brown sand	4	88
Fine brown sand, some clay, streaks sandy clay	5	93
Fine brown sand, mica	5	98
Brown and gray clay, layers fine brown sand	2	100
Fine brown sand, some clay	14	114
Solid gray clay, streaks gray sandy clay, lignite	9	123
Fine gray sand, mica, clay, streaks sandy clay	5	128
Fine gray sand, mica, some clay, lignite	24	152
Solid gray clay, sandy clay, lignite	16	168
Fine gray sand, mica, streaks lignite	5	173
Fine gray sand, mica, streaks sandy clay, lignite	20	193
Fine gray sand, mica, streaks pyrite	10	203
Gray sandy clay, layers lignite	5	208
Fine gray sand, mica, streaks solid clay	5	213
Fine gray sand, mica, streaks lignite	4	217
Gray sandy clay, mica	6	223
Fine gray sand, mica, streaks sandy clay, lignite	5	228
Fine gray sand, mica, streaks lignite	10	238
Fine gray sand, mica, streaks sandy clay, lignite	10	248
Fine gray sand, mica, some clay, streaks lignite and pyrite	41	289
Very fine gray sand, mica, some clay, streaks lignite	4	293
Fine gray sand, mica, some clay, streaks lignite	25	318
Medium gray sand, mica	30	348
Fine gray sand, mica	12	360
Fine gray sand, mica, layers solid gray clay	4	364
Medium gray sand, mica	5	369
Gray sandy clay	5	374

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N-5121. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, mica	5	379
Medium gray sand, mica, streaks solid clay	6	385
Fine gray sand, mica, streaks sandy clay, lignite	10	395
Fine gray sand, mica, some clay, few grits	5	400
Fine gray sand, mica, layers sandy clay, lignite	6	406
Medium gray sand, some clay, streaks lignite	5	411
Gray sandy clay, streaks fine gray sand and solid clay	5	416
Solid gray sand	2	418
Fine gray sand, mica, some clay, streaks lignite	28	446
Fine gray sand, some clay	16	462
Medium gray sand, some clay, lignite	6	468
Gray sandy clay, layers fine gray sand	9	477
Fine gray sand, mica, streaks solid clay, pyrite	3	480
Medium gray sand, mica	13	493
Medium gray sand, streaks sandy clay	5	498
Medium coarse gray sand, streaks lignite	4	502
Fine gray sand, streaks lignite	7	509
Medium fine gray sand, some clay	9	518
Coarse gray sand, gray clay	11	529
Grits and gravel	7	536
Layers solid gray clay, fine gray sand, gravel fine gray sand	5	541
Solid gray clay, gravel	3	544

Casing: 18 inches.

Screen: 61 feet of 12 inch with bottom at 542 feet.

Pumping test:

December 22, 1954. Duration: 2 hours
 Static water level: 14 feet
 Drawdown: 45 feet
 Yield: 1470 gpm

N-5122. (B-5) Murry Feldman, west of Barret Avenue and south of Hollywood Crossing, Lawrence. Drilled by Eastern Well & Pump Co., November 25, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill, dirty sand, clay	6	6
Dirty sand, grits	4	10
Cleaner sand, layer heavy stones	8	18
Large stones, light brown sand	16	34
Hard gray clay		below 34

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 34 feet.

Pumping test:

November 25, 1954. Duration: 2 hours
 Static water level: 3 feet
 Drawdown: 4 feet
 Yield: 40 gpm

N-5124. (C-6) Rudolph Smutny, north of Eleventh Street and west of Cherry Valley Avenue, Garden City. Drilled by Eastern Well & Pump Co., December 2, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit	5	5
Brown coarse sand and grit	10	15
Light brown sand, grit and gravel	5	20

N-5124. (Continued)

	Thickness (feet)	Depth (feet)
Fairly dark brown sand, grit and gravel	11	31
Very coarse sand, lot of grit and gravel	12	43
Fine to medium brown sand	6	49

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 49 feet.

Pumping test:

December 2, 1954.	Duration:	2 hours
	Static water level:	31 feet
	Drawdown:	7 feet
	Yield:	45 gpm

N-5126. (D-7) Food Fair Stores, Inc., south of Woodbury Road and east of South Oyster Bay Road, Plainview. Drilled by C. W. Lauman & Co., Inc., February 9, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, heavy gravel	75	75
Coarse brown sand, small amount gravel	5	80
Fine brown sand, small amount coarse sand	3	83
Fine white sand	9	92
Fine white sand with laminated clay	24	116
Fine sand to black and gray clay, pyrite	12	128
Fine gray sand	10	138
Fine hard packed brown sand	6	144
Medium coarse brown sand, very small amount clay	2	146
Hardpan and clay	1	147
Fine clear brown sand	4	151
Very fine red-brown sand, soupy, lumps red clay	21	172
Fine brown sand, some hardpan and clay	3	175
Fine brown sand	11	186
Layer fine brown sand and brown clay	1	187
Solid gray clay	13	200

Casing: 8 inches.

Screen: 11½ feet of 8 inch with bottom at 186 feet.

Pumping test:

May 5, 1955.	Duration:	8 hours
	Static water level:	90 feet
	Drawdown:	18 feet
	Yield:	120 gpm

Note: Temperature 50° Fahrenheit.

N-5129. (B-7) Long Island State Park Commission, northwest between N-128 and N-129, Jones Beach. Drilled by Layne-New York Co., Inc., June 26, 1956.

Log:	Thickness (feet)	Depth (feet)
Filled ground, beach sand	20	20
Soft blue clay, sand and shells	79	99
Sand, streaks of clay, some gravel	129	228
Sandy clay, hard streaks of sand and gravel	54	282
Clay	10	292
Sand and gravel, clay and lignite	43	335
Tough clay	10	345
Sand and clay, some gravel	40	385

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N-5129. (Continued)

	Thickness (feet)	Depth (feet)
Sand, clay, hard clay streaks	22	407
Sand and gravel	14	421
Sand, some clay	29	450
Tough clay	9	459
Sandy clay, streaks of sand	14	473
Tough clay	29	502
Medium coarse sand, sandy clay	59	561
Tough clay	9	570
Sand, clay and streaks of sand	42	612
Hard sandy clay, iron pyrites and lignite	51	663
Hard clay and iron pyrites	44	707
Coarse sand and gravel, streaks of clay	14	721
Sandy clay, iron pyrites, streaks of sand	39	760
Fine to coarse sand, clay streaks	50	810
Coarse sand, clay streaks and lignite	61	871
Blue sandy clay, hard streaks of clay, mica	12	883
Coarse sand, streaks of white clay	10	893
Coarse sand and gravel	10	903
Sandy white clay	4	907
Coarse sand and gravel, thin clay streaks	32	939
White clay	3	942
Coarse sand, coarse gravel, clay streaks	18	960
Sandy to hard clay	31	991
Coarse gravel	8	999
Tough black clay	28	1027
White sandy clay	31	1058
Tough black clay	16	1074
Black clay, streaks of sandy clay, lignite	29	1103

Casing: 18 and 12 inches.

Screen: 70 feet of 12 inch with bottom at 965 feet.

Pumping test:

June 26, 1956.	Duration:	8 hours
	Static water level:	2 feet
	Drawdown:	32 feet
	Yield:	1200 gpm

N-5130. (B-5) Maurice Kohn, northeast of Hawthorne and Auerbach Lanes, Lawrence.
 Drilled by Eastern Well & Pump Co., November 26, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil	3	3
Light brown fine sand	3	6
Light brown sand, some clay, stones, grit gravel	9	15
Light brown sand, grit, gravel	17	32
Clean coarse sand, grit, gravel, stones	7	39
Red-brown clay		below 39

Casing: 4 inches.

Screen: 5 $\frac{2}{3}$ feet of 4 inch with bottom at 38 feet.

Pumping test:

November 26, 1954.	Duration:	2 hours
	Static water level:	8 feet
	Drawdown:	21 $\frac{1}{2}$ feet
	Yield:	40 gpm

N-5131. (B-5) Abraham Frankel, northwest of Auerbach Lane and Jorgen Street, Lawrence.
 Drilled by Eastern Well & Pump Co., November 30, 1954.

Log:	Thickness (feet)	Depth (feet)
Sandy fill	5	5
Dark brown sand, grit, gravel, some clay	4	9
Heavy red gravel, fine sand	4	13
Heavy grit, gravel, not much sand	2	15
Light brown sharp sand	1	16
Light brown sand, grit, gravel	4	20
Light brown clean sharp sand	13	33
Dark brown sand, grit, gravel	4	37

Casing: 4 inches.

Screen: 5 $\frac{2}{3}$ feet of 4 inch with bottom at 38 feet.

Pumping test:

November 30, 1954.	Duration:	2 hours
	Static water level:	8 feet
	Drawdown:	7 feet
	Yield:	45 gpm

N-5134. (B-5) Valley Stream Municipal Building, north of Hawthorne Avenue and east of South Corona Avenue, Valley Stream. Drilled by C. W. Lauman & Co., Inc., March 18, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	8	8
Medium coarse brown sand	3	11
Fine brown sand	30	41
Medium fine brown sand, small grits	4	45
Medium coarse brown sand, small gravel	3	48
Medium fine brown sand	2	50

Casing: 4 inches.

Screen: 7 feet of 4 inch, with bottom at 48 feet.

Pumping test:

January 6, 1955.	Duration:	3 hours
	Static water level:	8 feet
	Drawdown:	12 feet
	Yield:	60 gpm

N-5135. (D-5) F. Gruenstein, south of Beverly Road and west of Nassau Road, Great Neck.
 Drilled by C. W. Lauman & Co., Inc., May 11, 1955.

Log:	Thickness (feet)	Depth (feet)
Sandy clay, some stones	5	5
Coarse brown sand, gravel, some stones	13	18
Coarse gray sand, some clay and stones	16	34
Solid gray clay	23	57
Solid brown clay	1	58
Hard, sandy clay	14	72
Medium coarse brown sand, grits, gravel	28	100
Solid brown clay	22	122
Hard brown sandy clay	21	143
Fine brown sand, gravel, some clay	3	146
Medium brown sand, some grits and small amount clay	3	149

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N-5135. (Continued)	Thickness (feet)	Depth (feet)
Fine brown sand, some stones and clay	4	153
Fine light brown sandy clay	4	157
Medium coarse brown sand, some grits and gravel	8	165
Casing: 6 inches.		
Screen: 7½ feet of 6 inch with bottom at 158 feet.		
Pumping test:		
May 3, 1955. Duration:	8	hours
Static water level:	113	feet
Drawdown:	21	feet
Yield:	50	gpm

N-5141T. (B-6) Sea and Surf Developers, north of Sea Spray Drive and east of Howard Way, Pt. Lookout. Drilled by Eastern Well & Pump Co., December 30, 1954.

Log:	Thickness (feet)	Depth (feet)
Fine boggy sand	17	17
Fine mucky sand and shells	5	22
Fine sharp sand	13	35
Casing: 6 inches.		
Screen: 5 feet of 2 inch with bottom at 35 feet.		
Pumping test:		
November 30, 1954. Duration:	10	hours
Static water level:	5	feet
Drawdown:	19	feet
Yield:	60	gpm

N-5143. (C-6) Garden City Medical Building, north of Sixth Street and west of Franklin Avenue, Garden City. Drilled by Eastern Well & Pump Co., January 7, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement	8	8
Light brown medium to coarse sand, lots of grits and few gravel	15	23
Dark brown medium to coarse sand, grits and small gravel	5	28
Brown medium to coarse sand, grits and gravel	2	30
Light brown coarse sand, mostly grits and gravel	2	32
Coarse brown sand, lots of grits and gravel	12	44
Medium to coarse brown sand, lots of grits and gravel	37	81
Layer of hardpan, lumps of clay	1	82
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 72 feet.		
Pumping test:		
January 7, 1955. Duration:	2	hours
Static water level:	21	feet
Drawdown:	5½	feet
Yield:	75	gpm

N-5144. (D-5) Lakeville Professional Bldg., Inc., south of Union Turnpike and west of Lakeville Road, New Hyde Park. Drilled by Eastern Well & Pump Co., January 6, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	8	8
Coarse brown sand, grits and gravel and stones	14	22
Medium to fine light brown sand, grits and gravel	3	25
Coarse light brown sand, grits, gravel and stones	38	63
Medium to coarse brown sand, lots of grits and gravel	32	95
Fine to medium brown sand, few grits, lots of mica	1	96

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 95 feet.

Pumping test:

January 5, 1955.	Duration:	2	hours
	Static water level:	70	feet
	Drawdown:	4½	feet
	Yield:	50	gpm

N-5145. (C-5) Long Island Water Corporation, south of Copiague Street and west of Arlington Avenue, Valley Stream. Drilled by C. W. Lauman & Co., Inc., April 22, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil	3	3
Medium brown sand, grits	50	53
Fine brown sand, grits and gravel	9	62
Medium brown sand, grits, streaks fine brown sand, clay	10	72
Coarse brown sand, grits and clay	10	82
Fine brown sand, mica, clay	5	87
Fine gray sand, mica, streaks solid clay lignite	19	106
Solid gray clay, streaks sandy clay, pyrite	13	119
Fine gray sand, streaks solid clay	4	123
Fine gray sand, mica	20	143
Fine gray sand, mica, layers lignite and solid clay	10	153
Fine gray sand, mica, streaks lignite and solid clay	23	176
Gray sandy clay, streaks solid clay, lignite, pyrite	5	181
Fine gray sand, mica, clay, lignite	5	186
Gray sandy clay, lignite	6	192
Fine gray sand, streaks sandy clay, lignite	15	207
Layers fine gray sand, gray sandy clay, solid clay	11	218
Solid gray clay	8	226
Layers fine gray sand, gray sandy clay, solid clay, lignite	6	232
Fine gray sand, streaks solid clay	13	245
Gray sandy clay, lignite	23	268
Fine gray sand, mica, streaks sandy clay, lignite, pyrite	4	272
Fine gray sand, mica, streaks sandy clay	10	282
Medium gray sand, mica, streaks solid clay	10	292
Gray sandy clay, streaks solid clay, lignite and pyrite	20	312
Very fine gray sand, some clay, mica, streaks sandy clay	11	323
Fine gray sand, mica, some clay	9	332
Solid gray clay, streaks gray sand	11	343
Fine gray sand	22	365
Very fine gray sand, some clay, mica	9	374
Solid gray clay, streaks gray sand	8	382
Solid gray clay	3	385
Fine gray sand, some clay, layers sandy clay, lignite	20	405
Fine gray sand, mica, some clay	30	435

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N-5145. (Continued)

	Thickness (feet)	Depth (feet)
Medium fine gray sand	10	445
Fine gray sand, mica	4	449
Coarse gray sand	6	455
Medium gray sand	7	462
Layers solid and sandy gray clay	5	467
Layers solid gray clay and fine sand	12	479
Layers solid gray clay and fine gray sandy clay	25	504

Casing: 18 inches.

Screen: 55 feet of 12 inch with bottom at 460 feet.

Static water level: 10 feet

Yield:1400 gpm

N-5147. (C-8) South Farmingdale Water District, south of Southern State Parkway and west of Carman Avenue, South Farmingdale. Drilled by C. W. Lauman & Co., Inc., October 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Top soil and loam	2	5
Coarse brown sand and gravel	62	67
Fine to coarse brown sand, grits, gravel	5	72
Sandy clay and layers of solid gray clay	15	87
Fine gray sand, some clay and shells	5	92
Fine gray sand, some clay, lignite and mica	16	108
Fine gray sand, mica, lignite and gravel	4	112
Fine gray sand, mica and lignite	20	132
Fine to medium coarse sand, mica and lignite	5	137
The same as above, plus some clay	10	147
Fine gray sand, mica, lignite, some clay	15	162
Fine gray sand, mica, lignite	14	176
Fine gray sand, streaks of clay, mica, lignite	10	186
Fine gray sand, some clay, mica, lignite	33	219
Fine gray sand, streaks of sandstone, mica and lignite	5	224
Fine gray sand, sandstone, mica and lignite		below 224

Casing: 16 inches.

Screen: 54 $\frac{2}{3}$ feet of 12 inch with bottom at 219 feet.

Pumping test:

March 21, 1955. Duration: 6 hours
 Static water level: 11 feet
 Drawdown: 32 feet
 Yield:1200 gpm

N-5148. (C-8) South Farmingdale Water District, northwest of Boundary Avenue and Langdon Road, South Farmingdale. Drilled by C. W. Lauman & Co., Inc., June 16, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel	75	75
Coarse brown sand, gravel, lumps gray clay	6	81
Fine brown sand, mica, streaks gray clay	8	89
Fine brown sand, mica, layers sandy clay	9	98
Fine brown sand, mica, some clay	18	116
Fine brown sand, mica, streaks solid clay	12	128
Solid brown and gray clay	5	133
Fine brown sand, mica, streaks hardpan	3	136

N-5148. (Continued)

	Thickness (feet)	Depth (feet)
Fine multi-color sand, mica, some clay	10	146
Solid gray clay, streaks lignite, sandy clay	12	158
Fine brown sand, mica, some clay	13	171
Fine brown sand, mica, some clay, streaks sandy clay, hardpan	36	207
Gray sandy clay	10	217
Gray sandy clay, streaks fine gray sand, lignite	4	221
Gray sandy clay	16	237
Fine gray sand, mica, some clay, streaks sandy clay	15	252
Layers fine gray sand, lignite, sandy clay	5	257
Gray sandy clay, lignite	4	261
Fine gray sand, streaks sandy clay, lignite	19	280
Solid gray clay	12	292
Fine gray sand, mica, streaks lignite	31	323
Fine gray sand, mica, streaks solid clay	14	337
Solid gray clay, streaks sandy clay	11	348
Fine gray sand, mica	5	353
Fine gray sand, mica, streaks solid clay, lignite, pyrite	10	363
Fine gray sand, mica	10	373
Fine gray sand, mica, streaks solid clay	3	376
Solid gray clay	7	383
Very fine gray sand, mica, some clay, streaks lignite and solid clay	15	398
Fine gray sand, mica	16	414
Fine gray sand, mica, streaks sandy clay and lignite	12	426
Fine gray sand, mica	7	433
Gray sandy clay, streaks lignite	4	437
Fine gray sand, mica, streaks sandy clay and lignite	5	442
Gray sandy clay, streaks lignite	6	448
Fine gray sand, mica, streaks sandy clay and lignite	5	453
Gray sandy clay, streaks lignite	29	482
Solid gray clay	6	488
Gray sandy clay, streaks solid clay and lignite	14	502

Casing: 16 inches.

Screen: 34 feet of 12 inch with bottom at 331 feet.

Pumping test:

February 19, 1955. - Duration: 9 hours
 Static water level: 16½ feet
 Drawdown: 38 feet
 Yield: 1300 gpm

N-5149. (D-7) Long Island Lighting Co., north of Old Country Road and east of Long Island Railroad, Hicksville. Drilled by C. W. Lauman & Co., Inc., February 10, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement	14	14
Coarse brown sand, grits, gravel, stones, small boulders	3	17
Coarse brown sand, grits, gravel	14	31
Medium coarse brown sand, some grits, gravel	48	79
Medium coarse brown sand, some grits, gravel lumps of clay of clay	15	94
Coarse brown sand, grits, gravel, hardpan, some white clay	7	101
Sand and yellow clay	8	109
Fine brown sand, mica	6	115
	11	126

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N-5149. (Continued)

	Thickness (feet)	Depth (feet)
Medium coarse brown sand, some hardpan, lumps of white clay, mica	4	131
Coarse brown sand, hardpan	8	139
Coarse yellow sand, hardpan	5	144
Medium coarse brown sand, hardpan	2	146
Fine brown sand, layers of brownish clay, hardpan	45	191
Casing: 12 inches.		
Screen: 54 feet of 8 inch with bottom at 189 feet.		
Pumping test:		
April 9, 1955. Duration	4	hours
Static water level:	51½	feet
Drawdown:	33	feet
Yield:	527	gpm

N-5152. (E-6) Locust Valley Water District, south of Bayville Avenue and west of Bayville Road, Locust Valley. Drilled by Layne-New York Co., Inc., August 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Clay and gravel	8	8
Hard sand	57	65
Brown sand and clay	75	140
Clay	2	142
Yellow sand	20	162
Clay	22	184
Gravel	4	188
Gray clay	58	246
Sandy clay	52	298
Sand and gravel	69	367
Casing: 18 inches.		
Screen: 50 feet of 12 inch with bottom at 355 feet.		
Pumping test:		
August 10, 1956. Duration:	8	hours
Static water level:	18	feet
Drawdown:	98	feet
Yield:	1100	gpm

N-5155. (C-5) Jamaica Water Supply Co., south of Madison Street and west of Cross Street, Elmont. Drilled by Layne-New York Co., Inc., March 2, 1955.

Log:	Thickness (feet)	Depth (feet)
Gray sand and gravel	30	30
Fine brown sand	4	34
Sand and gravel	46	80
Sandy clay	2	82
Sand and gravel	8	90
Muddy red sand, gravel		below 90
Casing: 24 and 18 inches.		
Screen: 20 feet of 18 inch with bottom at 90 feet.		
Pumping test:		
March 2, 1955. Duration:	8	hours
Static water level:	32	feet
Drawdown:	36	feet
Yield:	1200	gpm

N-5156. (C-5) Jamaica Water Supply Co., south of Madison Street and west of Cross Street, Elmont. Drilled by Layne-New York Co., Inc., April 25, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel	30	30
Fine brown sand	4	34
Sand and gravel	46	80
Brown sand	2	82
Sand, gravel	8	90
Red sand, gravel	6	96
Red-brown clay	14	110
Coarse sand	4	114
Streaks sand, clay	3	117
Coarse sand	14	131
Sand, clay, iron oxide	23	154
Fine muddy sand	27	181
Various colored clay	5	186
Sand, clay, iron oxide	24	210
White sand	9	219
Blue-black clay	17	236
Streaks sand, clay	10	246
Clay, pyrites, lignites	24	270
White sand, gravel	12	282
Clay	5	287
Sand, gravel, some clay	4	291
Sand and gravel	40	331
Sandy clay	5	336

Casing: 18 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 331 feet.

Pumping test:

February 15, 1955. Duration: 8 hours
 Static water level: 35 feet
 Drawdown: 30 feet
 Yield: 1400 gpm

N-5158. (C-8) Hills Super Market, south of Park Avenue and west of Seamans Neck Road, Seaford. Drilled by C. W. Lauman & Co., Inc., April 6, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill, top soil	5	5
Coarse brown sand, grits, gravel	46	51

Casing: 6 inches.

Screen: 11½ feet of 4 inch with bottom at 50 feet.

Pumping test:

April 6, 1955. Duration: 6 hours
 Static water level: 15 feet
 Drawdown: 6 feet
 Yield: 45 gpm

N-5163. (C-6) Village of Garden City, south of Old Country Road and east of Rockaway Avenue, Garden City. Drilled by Layne-New York Co., Inc., August 8, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	67	67
Clay	9	76

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N-5163. (Continued)

	Thickness (feet)	Depth (feet)
Brown sand, gravel	9	85
Clay, sand, gravel	6	91
Clay, multi-colored	34	125
Brown sandy clay	7	132
Brown sand, gravel	23	155
Sand, gravel, clay	12	167
Black sandy clay	8	175
Brown clay	4	179
Sand, clay	4	183
Brown clay	3	186
Sand, gravel, clay	9	195
Clay, iron oxide	10	205
Fine white muddy sand	21	226
Sandy clay	8	234
Fine muddy sand	36	270
Clay, sand, iron oxide	10	280
Sand	13	293
White, brown clay	8	301
Black clay, pyrites, lignite	14	315
Coarse white sand	9	324
White sandy clay	9	333
Coarse sand	14	347
Clay and sand streaks	18	365
Gravel	9	374
Black clay	2	376
White muddy sand	14	390
White clay	10	400
Sand, clay, iron oxide	18	418
Clay, gravel	4	422
Sand, gravel	44	466
Sandy clay	4	470
Sand, gravel	12	482

Casing: 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 475 feet.

Pumping test:

April 11, 1955. Duration: 8 hours
 Static water level: 28 feet
 Drawdown: 67 feet
 Yield: 1370 gpm

N-5167. (C-5) Temple Gates of Zion and Valley Stream Jewish Center, south of Hendrickson Avenue and west of North Corona Avenue, Valley Stream. Drilled by Eastern Well & Pump Co., January 26, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement	6	6
Coarse to medium brown sand	22	28
Fine to medium yellow sand, few grits	12	40
Yellow sand, trace clay	1	41

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 41 feet.

Pumping test:

January 26, 1955. Duration: 2 hours
 Static water level: 9 feet
 Drawdown: 12 feet
 Yield: 72½ gpm

N-5171. (B-5) Klein, northeast of Broadway and White Drive, Cedarhurst. Drilled by Mathies Well & Pump Co., Inc., June 3, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and brown clay	45	45
Casing: 4 inches.		
Screen: 6 feet of 3¾ inch with bottom at 45 feet.		
Pumping test:		
January 27, 1955. Duration:		2 hours
Static water level:		10 feet
Drawdown:		2 feet
Yield:		50 gpm

N-5187. (C-7) Long Island Water Corporation, south of Washington Avenue and east of Lee Street, Roosevelt. Drilled by C. W. Lauman & Co., Inc., May 26, 1955.

Log:	Thickness (feet)	Depth (feet)
Loam	4	4
Coarse brown sand, gravel, grits	49	53
Medium gray sand, layers solid clay	3	56
Solid gray clay	7	63
Fine brown sand, layers gravel, streaks of brown and gray clay	11	74
Fine gray sand, clay, some gravel	5	79
Fine gray sand, mica, some clay	46	125
Fine gray sandy clay	5	130
Fine gray sand, mica, some clay	44	174
Fine gray sandy clay, streaks lignite	31	205
Fine gray sand, some clay, mica, streaks lignite	4	209
Layers fine gray sandy clay, solid clay, lignite	21	230
Fine gray sand, some clay, mica	10	240
Fine gray sandy clay	47	287
Fine gray sand, some clay, mica	30	317
Fine gray sand, some clay, streaks lignite	39	356
Solid gray clay	10	366
Very fine gray sand, some clay and mica	11	377
Fine gray sand, some clay	31	408
Fine gray sandy clay	5	413
Solid gray clay	5	418
Fine gray sand, some clay, mica	24	442
Medium coarse gray sand, some clay	55	497
Fine gray sandy clay	10	507
Layers of fine gray sand and sandy clay	11	518
Fine gray sand and some clay	14	532
Solid gray clay	26	558
Medium coarse gray sand	5	563
Fine gray sandy clay	19	582
Fine gray sand, some clay, streaks of sandy clay	32	614

Casing: 18 inches.

Screen: 50 feet of 12 inch with bottom at 494½ feet.

Pumping test:		
March 21, 1955. Duration:	9	hours
Static water level:	12	feet
Drawdown:	34½	feet
Yield:	1500	gpm

N-5188. (E-7) C. V. Brokaw, south of Harbor Drive and west of Centre Island Road, Centre Island. Drilled by Mathies Well & Pump Co., Inc., June 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Hardpan and gravel	30	30
Hardpan and brown clay	10	40
Hardpan and gravel	36	76
Boulders	8	84
Red sandy clay	46	130
Brown sand and small gravel	17	147
Red and gray clay	6	153
Red clay and fine brown sand	47	200
Red clay and small gravel	20	220
Gray clay	10	230
Red clay and brown sand	10	240
Hard red and gray clay	2	242
Gray clay and small gravel	28	270
Dark gray clay	10	280
Red and gray clay	40	320
Red and blue clay	10	330
Blue clay	30	360
Fine sand and small gravel	15	375

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 372 feet.

Pumping test:

May 10, 1955.	Duration:	4 hours
	Static water level:	20 feet
	Drawdown:	15 feet
	Yield:	45 gpm

N-5193. (B-5) Village of Rockville Centre, south of Maple Avenue and west of Forest Avenue, Rockville Centre. Drilled by Layne-New York Co., Inc., June 13, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown sand	38	38
Gray clay	2	40
Sand and gravel	55	95
Gray clay	9	104
Sand and clay streaks	14	118
Hard sand and clay	26	144
Sand, hard streaks and wood	135	279
Hard clay	26	305
Sand	33	338
Sandy clay	5	343
Hard clay	24	367
Hard sand, clay, wood	83	450
Soft clay	15	465
Sand	16	481
Sand and fine gravel	35	516
Clay	1	517
Coarse sand and fine gravel	38	555
Clay	5	560

Casing: 18 and 12 inches.

Screen: 60 feet of 12 inch with bottom at 550 feet.

Pumping test:

June 13, 1956.	Duration:	8 hours
	Static water level:	18 feet
	Drawdown:	34 feet
	Yield:	1200 gpm

N-5194. (B-6) Village of Rockville Centre, south of Sunrise Highway, Rockville Centre.
 Drilled by Layne-New York Co., Inc., May 17, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	8	8
Brown sand and gravel	47	55
Sandy clay	18	73
Sand and wood	42	115
Sand and gravel	16	131
Sandy clay	64	195
Muddy sand	47	242
Hard clay	56	298
White sand	39	337
Hard clay	18	355
Sand and clay streaks	12	367
Hard clay	22	389
Soft sand and clay	4	393
Hard clay	19	412
Coarse sand	106	518
Sandy clay	29	547

Casing: 18 and 12 inches.

Screen: 60 feet of 12 inch with bottom at 515 feet.

Pumping test:

May 17, 1956.	Duration:	8 hours
	Static water level:	10 feet
	Drawdown:	25 feet
	Yield:	1320 gpm

N-5196. (C-6) 320 Fulton Corporation, south of Fulton Avenue and west of Cooper Street,
 Hempstead. Drilled by Mathies Well & Pump Co., Inc., March 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	40	40
Fine sand and gravel	15	55

Casing: 10 inches.

Screen: 16 feet of 10 inch with bottom at 46 feet.

Pumping test:

March 25, 1955.	Duration:	1 hour
	Static water level:	9½ feet
	Drawdown:	14½ feet
	Yield:	300 gpm

N-5197. (C-6) Harry Katz Floor Covering, Inc., north of Jericho Turnpike and west of
 Latham Road, Mineola. Drilled by Eastern Well & Pump Co.

Log:	Thickness (feet)	Depth (feet)
Basement	10	10
Coarse sand, stone and gravel	41	51
Fine to medium sand	9	60
Yellow sand, grits and gravel	10	70

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 70 feet.

Pumping test:

March 15, 1955.	Duration:	3 hours
	Static water level:	21½ feet
	Drawdown:	5 feet
	Yield:	100 gpm

N-5201. (D-6) Jericho Water District, north of Central Boulevard (Motts Cove Road), Glen Head. Drilled by Layne-New York Co., Inc., June 12, 1956.

Log:	Thickness (feet)	Depth (feet)
Cement	5	5
Sand and gravel	10	15
Brown sand	69	84
Sand and new clay	6	90
Sand and gravel	250	340
Clay, hard streaks	30	370
Gray clay	15	385
Red clay	39	424
Sand and gravel	28	452
Clay	5	457
Sand and gravel	73	530
Fine sandy clay	7	537
Clay	2	539
Sandy clay and gravel	2	541

Casing: 18 inches.

Screen: 70 feet of 12 inch with bottom at 504 feet.

Pumping test:

June 12, 1956.	Duration:	8 hours
	Static water level:	36 feet
	Drawdown:	37 feet
	Yield:	1000 gpm

N-5208. (D-6) Hills Super Markets, Inc., east of Willis Avenue and north of Netz Place, Albertson. Drilled by C. W. Lauman & Co., Inc., April 14, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Coarse brown sand, grits, gravel and larger stones	29	31
Coarse brown sand, grits, gravel	43	74
Medium coarse brown sand, grits, gravel	42	116

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 110 feet.

Pumping test:

March 3, 1955.	Duration:	4 hours
	Static water level:	80 feet
	Drawdown:	14 feet
	Yield:	100 gpm

N-5209. (D-5) Port Washington Water District, north of Bar Beach Road and west of Woodlawn Avenue, Port Washington. Drilled by Layne-New York Co., Inc., June 14, 1956.

Log:	Thickness (feet)	Depth (feet)
Hardpan, boulders	20	20
Sand, gravel, clay, boulders	95	115
Sand, gravel	9	124
Brown to black clay	18	142
Sand, brown clay	8	150
Sand, gravel	33	183
Multi-colored clay	33	216

N-5209. (Continued)

	Thickness (feet)	Depth (feet)
Fine white sand	21	237
Red sand, clay	7	244
Sand, gravel, clay	16	260
Sand, gravel	7	267
Gravel, clay	3	270
Sand, gravel	5	275
Clay	2	277
Coarse sand	10	287
Clay	1	288
Sand, gravel	7	295
Pink clay	3	298
Sand, gravel	4	302
Pink clay	2	304
Fine sand	2	306
Sandy clay	2	308

Casing: 20 inches.

Screen: 40 feet of 12 inch with bottom at 300 feet.

Pumping test:

June 14, 1956.	Duration:	8 hours
	Static water level:	173 feet
	Drawdown:	35 feet
	Yield:	700 gpm

N-5210. (D-5) Port Washington Water District, north of Bar Beach Road and west of Woodlawn Avenue, Port Washington. Drilled by Layne-New York Co., Inc., April 18, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	9	9
Coarse sand, gravel	11	20
Clay, various colors	5	25
Coarse white sand and clay	33	58
Coarse brown sand	21	79
Dark muddy sand	26	105
Yellow clay, streaks sand and gravel	23	128
Blue clay, sand, gravel, old wood	15	143
Coarse dark brown sand	22	165
Light brown sand	31	196
Soft clay, streaks of sand and gravel	33	229
Coarse red sand and clay	20	249
Coarse light brown sand	8	257
White coarse sand and gravel	71	328
Clay	7	335

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 302 feet.

Static water level: 173 feet

N-5216. (C-8) South Shore Federal Savings & Loan Association, south of Killians Road and west of Forest Avenue, Massapequa. Drilled by Eastern Well & Pump Co., June 6, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, grits and gravel	3	3
Fine gray-brown sand	2	5
Light brown medium to coarse sand, lots of grits	21	26

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N-5216. (Continued)

Casing: 4 inches.

Screen: 4 $\frac{2}{3}$ feet of 4 inch with bottom at 26 feet.

Pumping test:

June 6, 1955.	Duration:	3	hours
	Static water level:	2 $\frac{1}{2}$	feet
	Drawdown:	8	feet
	Yield:	45	gpm

Note: Water temperature 53.5° Fahrenheit.

N-5227. (B-6) Lido-Point Lookout Water District, north of Lido Boulevard and west of Park Side Drive, Point Lookout. Drilled by Layne-New York Co., Inc., June 18, 1956.

Log:	Thickness (feet)	Depth (feet)
Filled ground	6	6
Sand	43	49
Sandy clay, coarse sand and shells	14	63
Blue clay	17	80
Coarse sand, gravel, clay streaks	17	97
Sand, wood, clay	19	116
Sandy clay and wood	13	129
Fine muddy sand and clay streaks	56	185
Clay and wood	17	202
Clay, streaks of sand	6	208
Medium coarse sand	38	246
Clay and coarse sand	20	266
Tough clay	18	284
Coarse sand, fine gravel, clay streaks	67	351
Clay streaks, fine muddy sand	13	364
Fine muddy sand and clay	113	477
Coarse sand, lignite, clay streaks	36	513
Sandy clay	21	534
Hard clay and sand	10	544
Sand, fine gravel and clay	41	585
Clay	15	600
Sand, fine gravel, clay	11	611
Clay	6	617
Sand and gravel	81	698
Sandy clay, coarse sand	15	713
Clay	10	723
Coarse sand, clay streaks	46	769
Sandy clay and sand	32	801
Clay	4	805
Coarse sand, fine gravel	30	835
Tough, hard red clay	7	842
Blue clay	9	851
Clay, streaks of sand and gravel	7	858
Coarse sand and gravel	22	880
Coarse sand and gravel, clay streaks	29	909
Tough blue clay	30	939
Iron pyrites	1	940
Tough blue clay, streaks of iron pyrites	10	950
Tough blue clay	100	1050
Hard red clay	26	1076
Clay, streaks of coarse sand and fine gravel	23	1099
Coarse sand and gravel	45	1144
Coarse sand and gravel, thin clay streaks	10	1154
Coarse sand and gravel	24	1178

N-5227. (Continued)	Thickness (feet)	Depth (feet)
Clay	15	1193
Coarse sand and gravel, some clay streaks	63	1256
Clay	10	1266
Sand, gravel and clay	11	1277
Sandy clay, coarse sand and gravel	11	1288
Casing: 12 and 8 inches.		
Screen: 60 feet of 8 inch with bottom at 1260 feet.		
Pumping test:		
June 18, 1956. Duration:		8 hours
Static water level:		flows
Drawdown:		52 feet
Yield:		1260 gpm

N-5228. (D-5) Port Washington Water District, north of Brookside Drive and east of Birchdale Lane, Port Washington. Drilled by Layne-New York Co., Inc., April 18, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand and boulders	60	60
Sandy blue clay	15	75
Sand, gravel and boulders	41	116
Sand and gravel	77	193
Clay and hard streaks	34	227
Sand and hard streaks	25	252
Tough clay	8	260
Coarse sand and gravel	71	331
Clay	3	334
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 334 feet.		
Static water level:		130 feet

N-5233. (B-6) Monaco Surf Club (Harry Firester), south of Lido Boulevard and west of Parkside Drive, Point Lookout. Drilled by Mathies Well & Pump Co., Inc., June 1, 1955.

Log:	Thickness (feet)	Depth (feet)
Fine sand	7	7
Gray clay (sandy)	13	20
Fine gray sand	20	40
Fine sandy clay	7	47
Sandy clay	9	56
Coarse sand and grits	4	60
Medium sand and grits	1	61
Solid gray clay	11	72
Gravel and stones in hard clay	7	79
Gravel and stones	2	81
Grits in hard clay	7	88
Grits and gravel (life)	2	90
Sandy gray clay	12	102
Fine gray sand	18	120
Medium fine gray sand	10	130
Medium sand and grits (brown)	5	135
Medium sand, grits and stones	15	150
Gray sandy clay (hard)	30	180

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N-5233. (Continued)

	Thickness (feet)	Depth (feet)
Solid clay	10	190
Gray clay	10	200
Coarse gray sand	6	206
Gray sand with clay	4	210
Fine gray sand	30	240
Fine gray sand and wood	10	250
Fine gray sand	15	265
Solid gray clay	15	280
Sandy gray clay	15	295
Gray sand	2	297
Solid clay, tough	28	325
Sandy clay	16	341
Lignite	1	342
Black clay	15	357
Sandy clay	18	375
Fine sand, little clay (life)	9	384
Black clay	8	392
Lignite	1	393
Black clay	17	410
Sandy clay and mica	15	425
Fine sandy clay—(hole open)	6	431
Fine gray sand	14	445
Solid gray clay	5	450
Fine gray sand	5	455
Very fine sand (gray)	6	461
Very fine sand and gray clay (life)	35	496
Sandy clay	4	500
Fine sand	7	507
Gray clay and fine sand	4	511
Fine sand	22	533
Black clay	1	534
Fine sand	15	549

Casing: 8 and 6 inches.

Screen: 30 feet of 55/8 inch with bottom at 547½ feet.

Pumping test:

May 28, 1955.	Duration:	4 hours
	Static water level:	6 feet
	Drawdown:	21 feet
	Yield:	210 gpm

N-5244. (D-6) Your Garden, Inc., Jericho Turnpike, Mineola. Drilled by Milton Costello, March 17, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil	3	3
Gravel and stones	12	15
Sand and gravel	15	30
Fine sand and grits	39	69

Casing: 4 inches.

Screen: 6 feet of 4 inch, with bottom at 69 feet.

Pumping test:

March 16, 1955.	Static water level:	37 feet
	Drawdown:	7 feet
	Yield:	45 gpm

N-5251. (D-5) Milton Wisbard, Cirele Drive, Plandome. Drilled by Fred Habenicht & Sons.

Log:	Thickness (feet)	Depth (feet)
Well pit	7	7
Stones, gravel, sand	30	37
Coarse sand	24	61
Yellow sand, pebbles	13	74
Fine yellow sand	19	93
Fine yellow sand, coarse sand and pebble mix	15	108

Casing: 6 inches.

Screen: 10 feet of 5¾ inch with bottom at 108 feet.

Pumping test:

April 10, 1955.	Duration:	1 hour
	Static water level:	62 feet
	Drawdown:	12 feet
	Yield:	48 gpm

N-5255. (C-7) Wantagh Fire District, north of Curtis Place and east of Cornelius Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 8, 1955.

Log:	Thickness (feet)	Depth (feet)
Sandy clay and loam	5	5
Coarse sand, small gravel	40	45

Casing: 4 inches.

Screen: 15¼ feet of 3 inch with bottom at 47 feet.

Pumping test:

March 8, 1955.	Duration:	3 hours
	Static water level:	8 feet
	Yield:	329 gpm

N-5259. (C-7) New York Water Supply Corporation, south of Jerusalem Avenue and east of Newbridge Road, North Bellmore. Drilled by C. W. Lauman & Co., Inc., May 5, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and gravel, grits	80	80
Fine brown sand and lumps clay	14	94
Solid gray clay	6	100
Fine brown sand	16	116
Multi-colored sandy clay	6	122
Fine brown sand	5	127
Fine gray sand, some clay and mica	10	137
Same as above, with layers solid clay	5	142
Gray sandy clay, streaks solid clay	12	154
Fine gray sand, some clay and mica	9	163
Gray sandy clay, streaks solid clay and lignite	11	174
Gray sandy clay, streaks solid clay and fine sand	15	189
Solid dark gray clay	5	194
Gray sandy clay, streaks solid clay and fine sand	4	198
Fine gray sand, some clay and mica	20	218
Fine gray sandy clay, streaks clay and lignite	11	229
Fine gray sand, mica, streaks lignite	5	234
Fine gray sandy clay, streaks lignite	5	239
Fine gray sand, some clay	5	244

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N-5259. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, mica, streaks lignite	39	283
Fine gray sand, some clay, mica	5	288
Fine gray sandy clay	6	294
Fine gray sand, mica, streaks lignite	19	313
Fine gray sandy clay	11	324
Fine gray sand, mica, streaks lignite	40	364
Fine gray sandy clay, streaks lignite	11	375
Fine gray sand, mica	14	389
Gray sandy clay, streaks solid clay and lignite	26	415
Solid gray clay	10	425

Casing: 16 inches.

Screen: 44 feet of 16 inch with bottom at 285 feet.

23 feet of 12 inch with bottom at 312 feet.

Pumping test:

April 26, 1955.	Duration:	8	hours
	Static water level:	103 $\frac{3}{4}$	feet
	Drawdown:	32	feet
	Yield:	1400	gpm

N-5260. (C-6) West Hempstead-Hempstead Gardens Water District, north of Garden Street and east of Long Island Railroad, West Hempstead. Drilled by C. W. Lauman & Co., Inc., February 4, 1956.

Log:	Thickness (feet)	Depth (feet)
Loam and clay	3	3
Coarse brown sand and gravel	32	35
Medium coarse brown sand and gravel	13	48
Medium fine brown sand and some grit	17	65
Coarse brown sand, grits and gravel	17	82
Solid green clay, streaks of brown sandy clay	6	88
Solid green clay and shells	8	96
Coarse gray sand, grits and gravel	4	100
Multi-colored sandy clay	2	102
Coarse sand, grits and gravel	50	152
Fine to coarse gray sand and grit	4	156
Fine gray sand, lignite, mica and pyrite	8	164
Coarse gray sand, grit, gravel and pyrite	11	175
Coarse gray sand, grit, heavy gravel and pyrite	10	185
Coarse gray sand, grit, gravel and lignite	4	189
Pyrite, lignite and mica	4	193
Coarse gray sand, grits, gravel and lignite	1	194
Fine gray sand, mica, sandy clay, clay and lignite	10	204
Fine to medium gray sand, mica and lignite	10	214
Solid lignite, some sand and pyrite	3	217
Medium coarse gray sand, pyrite and some lignite	2	219
Fine gray sand, layers of sandy clay and lignite	4	223
Fine gray sand, some clay, lignite and mica	31	254
Fine gray sand, mica sandy clay and some grits	5	259
Fine gray sand, pyrite, lignite and sandy clay	26	285
Fine gray sand, mica and lignite	10	295
Fine gray sand, sandy clay, mica and lignite	4	299
Fine gray sand, some clay, mica, pyrite and lignite	3	302
Sandy and solid clay, lignite and pyrite	11	313
Fine gray sand, mica and lignite	10	323
Gray sandy clay and lignite	3	326
Fine gray sand, mica and lignite	4	330

N-5260. (Continued)

	Thickness (feet)	Depth (feet)
Sandy and solid clay, some lignite and pyrite	3	333
Fine gray sand, pyrite, streaks of sandy clay and lignite	1	334
Solid gray clay and pyrite	19	353
Fine gray sand, mica, lignite and streaks of clay	15	368
Medium coarse gray sand and pyrite	7	375
Medium coarse gray sand, streaks of clay, mica and lignite	10	385
Coarse gray sand, mica, lignite and pyrite	2	387
Sandy gray clay, some pyrite	12	399
Fine gray sand, sandy clay and lignite	18	417
Medium to coarse gray sand, grits, pyrite and lignite	3	420
Fine to coarse gray sand, some clay, pyrite and lignite	5	425
Coarse gray sand, grits, clay, pyrite and lignite	8	433
Fine gray sand, mica and lignite	7	440
Fine gray sand, mica, lignite, sandy clay and pyrite	4	444
Solid and sandy clay, lignite and pyrite	1	445
Solid gray clay	2	447
Fine gray sand, some clay, mica and lignite	6	453
Fine gray sand, clay, lignite and pyrite	2	455
Coarse gray sand and some clay	9	464
Fine gray sand, some clay, lignite and pyrite	2	466
Fine to medium coarse gray sand, mica, some clay lignite and pyrite	14	480
Coarse gray sand, grits, some clay and mica	6	486
Fine to medium gray sand, lignite, pyrite and some clay	5	491
Fine gray sand, mica and lignite	3	494
Fine gray sand, sandy clay, lignite and mica, "dirty" formation	1	495
Fine gray sand, lignite, pyrite, mica and some clay	14	509
Coarse gray sand, grits, layers of sandy clay, pyrite and lignite	5	514
Coarse gray sand, grits, gravel, lignite, lumps of solid clay	1	515
Fine gray sand, lignite, mica, lumps of solid clay	1	516
Fine gray sand, lignite, pyrite and mica	2	518

Casing: 20 and 16 inches.

Screen: 62½ feet of 12 inch with bottom at 514⅔ feet.

Pumping test:

April 29, 1955.	Duration:	1 hour
	Static water level:	27 feet
	Drawdown:	23 feet
	Yield:	1230 gpm

N-5261. (E-6) New York Water Service Corporation, south of Seamens Road and east of Timber Road, Glen Cove. Drilled by C. W. Lauman & Co., June 23, 1955.

Log:	Thickness (feet)	Depth (feet)
Loam	5	5
Brown sandy clay	4	9
Medium brown sand, large stones	16	25
Coarse brown sand, gravel	55	80
Same as above, with brown clay	25	105
Multi-colored sandy clay	1	106
Fine brown sand	6	112
Solid multi-colored clay, layers fine brown sandy clay	6	118
Medium reddish brown sand	9	127
Fine brown sand	16	143

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N-5261. (Continued)

	Thickness (feet)	Depth (feet)
Fine brown sand, layers solid clay	10	153
Fine brown sand	10	163
Fine brown sand, layers sandy clay	11	174
Layers solid brown clay, medium brown sand, sandy clay	5	179
Fine brown sand, streaks sandy and solid clay	20	199
Solid brown clay, streaks fine brown sand and sandy clay	6	205
Brown sandy clay, streaks solid clay	5	210
Solid multi-colored clay, streaks sandy clay and hardpan	10	220
Fine brown sand, mica, streaks lignite	15	235
Solid multi-colored clay, streaks sandy clay	6	241
Light gray sandy clay, streaks solid clay	9	250
Solid light gray clay	12	262
Light gray sandy clay	40	302

Casing: 18 inches.

Screen: 39 feet of 18 inch with bottom at 170 feet.

10 feet of 18 inch with bottom at 195 feet.

10 feet of 18 inch with bottom at 230 feet.

Pumping test:

May 14, 1955.	Duration:	9 hours
	Static water level:	97 feet
	Drawdown:	46 feet
	Yield:	2000 gpm

N-5280. (B-5) Sidney M. Brownstein, 5 Channel Drive, Woodmere. Drilled by Milton Costello, April 25, 1955.

Log:	Thickness (feet)	Depth (feet)
Pit	5	5
Sand and gravel	2	7
Fine sand	16	23
Coarse sand and gravel	12	35

Casing: 4 inches.

Static water level: 5 feet

N-5287. (D-6) New Williston Masonic Club, east of Willis Avenue and south of Syracuse Street, Williston Park. Drilled by C. W. Lauman & Co., Inc., April 18, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	15	15
Sand, gravel, cobbles	16	31
Coarse brown sand, gravel	21	52
Coarse brown sand, gravel, stones	28	80
Coarse brown sand, gravel, stones	5	85

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 86 feet.

Pumping test:

April 23, 1955.	Duration:	3 hours
	Static water level:	51 feet
	Drawdown:	7 feet
	Yield:	60 gpm

N-5300. (C-7) Mays Department Store, north of Hempstead Turnpike and west of Grassy Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., June 3, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Coarse brown sand, grits and gravel	80	85
Brown sandy clay	20	105
Very fine multi-colored sand, some clay	4	109
Fine multi-colored sand, some clay, hardpan	4	113
Multi-colored sandy clay	15	128
Solid dark gray clay	13	141
Solid brown clay	4	145
Fine brown sand, some hardpan	9	154
Very fine multi-colored sandy clay	11	165
Fine brown sand	4	169
Medium coarse brown sand, hardpan	10	179
Very fine multi-colored clayey sand	15	194
Fine brown sand, streaks sandy clay	5	199
Fine gray sandy clay	6	205
Fine brown sand, some clay	4	209
Fine brown sand	15	224
Fine brown sand, streaks clay	11	235
Fine brown sand	30	265
Fine brown sand, come clay	11	276
Fine gray sandy clay, streaks solid clay	20	296
Solid gray clay	8	304

Casing: 12 inches.

Screen: 63 feet of 12 inch with bottom at 128 feet.

Pumping test:

June 10, 1955. Duration: 8 hours
 Static water level: 25 feet
 Drawdown: 25 feet
 Yield: 1319 gpm

N-5302. (C-7) Levittown Water District, south of Chimney Lane and east of Loring Road, Levittown. Drilled by C. W. Lauman & Co., Inc., June 6, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, grits and small stones	40	40
Coarse brown sand and grits	30	70
Fine to coarse brown sand, some clay, grits, mica, hardpan	5	75
Fine to medium brown sand, grits, clay and mica	20	95
Fine to medium brown sand, grits, multi-colored sandy clay, mica	10	105
Fine to medium brown sand, grits, layers multi-colored clay, mica and hardpan	10	115
Fine to medium brown sand, grits, some clay, mica and hardpan	10	125
Fine brown sand and sandy clay and mica	23	148
Fine brown sand, solid and sandy clay and mica	9	157
Fine brown sand, some clay and lignite	5	162
Solid gray clay, lignite and pyrite	21	183
Fine gray sand, some clay and lignite	45	228
Fine gray sand, streaks sandy clay, lignite and mica	14	242
Solid gray clay	5	247
Fine gray sand, streaks sandy clay, mica, lignite and pyrite	3	250

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N-5302. (Continued)

	Thickness (feet)	Depth (feet)
Fine to medium gray sand, lignite and mica	8	258
Fine to medium gray sand, layers clay, lignite and mica	5	263
Fine gray sand, mica, lignite and streaks clay	10	273
Fine gray sand, mica, lignite and pyrite	64	337
Fine gray sand, streaks solid clay, mica and lignite	8	345
Solid gray clay	3	348
Solid gray clay, layers fine sand (hard)	4	352
Fine gray sand, some clay and pyrite	24	376
Medium to coarse gray sand, some clay	2	378
Fine gray sand, streaks sandy clay, hardpan and mica	18	396
Fine gray sand, mica and lignite	9	405
Fine gray sand, streaks sandy clay, mica, lignite	5	410
Fine to coarse gray sand, mica, lignite and some clay	5	415
Fine to coarse gray sand, mica, lignite, hardpan and some clay	5	420
Fine to coarse brown sand, mica, hardpan and some clay	6	426
Fine to coarse brown sand and mica	4	430
Fine to coarse brown sand (90%), mica and lignite	7	437
Fine brown sand, mica and lignite	3	440
Fine to coarse brown sand, mica and some grits	5	445
Fine to coarse gray sand, mica, streaks sandy clay	2	447
Fine gray sand, streaks solid and sandy clay, lignite	2	449
Fine to coarse gray sand, grits, streaks sandy clay	8	457
Medium to coarse brown sand and grits	5	462
Fine to medium coarse brown sand and grits	13	475
Fine gray sand and grits	8	483
Coarse gray sand and grits	7	490

Casing: 18 inches.

Screen: 53 feet of 12 inch with bottom at 484 feet.

Pumping test:

June 13, 1955.	Duration:	8 hours
	Static water level:	20 feet
	Drawdown:	21 feet
	Yield:	1212 gpm

N-5304. (C-7) Levittown Water District, south of Stirrup Lane and west of Water Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., November 19, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and gravel	70	70
Fine to coarse brown sand and gravel	10	80
Fine to coarse brown sand, grits and gravel	30	110
Fine brown sand and gravel	10	120
Multi-colored sandy clay	10	130
Fine to medium brown sand and multi-colored sandy clay	10	140
Fine to medium brown sand, gravel and clay	10	150
Fine brown sand, gravel, mica and some clay	20	170
Fine brown sand, gravel, mica, hardpan and some clay	21	191
Fine gray sand, mica, lignite, pyrite and some clay	24	215
Fine gray sand and mica	10	225
Fine gray sand, sandy clay and layers of solid clay	3	228
Fine to medium gray sand and mica	19	247
Fine gray sand, mica, streaks of solid clay, pyrite and lignite	4	251
Fine gray sand, mica, pyrite, some lignite and lumps of clay	11	262
Fine gray sand, mica and lignite	10	272
Fine gray sand, mica, lignite and gravel	13	285

N-5304. (Continued)

	Thickness (feet)	Depth (feet)
Solid gray clay and lignite	2	287
Solid gray clay, grits, gravel and lignite	9	296
Solid gray clay	10	306
Fine gray sand, mica, lignite, pyrite and some clay	27	333
Solid gray clay, lignite and pyrite	5	338
Solid and some sandy clay, fine gray sand, lignite and pyrite	10	348
Fine gray sand, sandy and solid clay, lignite	5	353
Solid gray clay, pyrite and lignite	7	360
Fine gray sand, mica, lignite and pyrite	10	370
Fine to medium gray sand, mica, lignite and some clay	50	420
Fine to medium gray sand, mica and lignite	10	430
Fine to medium gray sand, mica, lignite, pyrite and lumps of clay	5	435
Fine to medium gray sand, layers of solid lignite and pyrite	5	440
Fine gray sand, streaks of lignite, pyrite and some clay	8	448
Fine to coarse gray sand, grits, lignite, pyrite and streaks of sandy clay	10	458
Fine to coarse gray sand, grits, gravel, lignite, pyrite and streaks of sandy clay	14	472

Casing: 18 inches.

Screen: 52 feet of 12 inch with bottom at 467 feet.

Pumping test:

November 19, 1956. Duration: 7 hours
 Static water level: 14 feet
 Drawdown: 34 feet
 Yield: 1230 gpm

N-5305. (D-8) Grumman Aircraft, north of Long Island Railroad and east of Oyster Bay Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., November 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Coarse brown sand, grits, gravel, stones	29	33
Medium coarse red-brown sand, grits, gravel, stones	5	38
Medium coarse red-brown sand, mica	10	48
Fine brown sand, streaks solid clay	6	54
Medium coarse gray sand, mica, streaks clay	6	60
Fine gray sand, mica, clay	11	71
Fine gray sand, mica	22	93
Multi-colored sand and clay, mica	12	105
Fine brown sand, mica	9	114
Medium fine brown sand, mica	14	128
Medium coarse brown sand, mica	8	136
Medium fine brown sand, mica, sandy clay, hardpan	10	146
Medium coarse brown sand, mica and some sandy clay, hardpan	21	167
Multi-colored sandy clay, hardpan	3	170

Casing: 20 and 12 inches.

Screen: 52½ feet of 12 inch with bottom at 168 feet.

Pumping test:

August 5, 1955. Duration: 8 hours
 Static water level: 49 feet
 Drawdown: 17 feet
 Yield: 1016 gpm

N-5306. (D-8) Grumman Aircraft, north of Long Island Railroad and east of South Oyster Bay Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., November 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	1	1
Coarse brown sand, grits, gravel and rocks	37	38
Fine brown sand, grits, gravel and hardpan	11	49
Fine brown sand, multi-colored clay, grits, mica	15	64
Multi-colored sandy clay	3	67
Medium fine gray sand and clay	3	70
Coarse gray sand	10	80
Coarse gray sand, streaks of clay and hardpan	11	91
Fine gray sand, mica and clay	14	105
Fine gray sand and mica	8	113
Multi-colored clay	3	116
Fine sand, multi-colored clay and hardpan	5	121
Coarse brown sand, multi-colored clay, mica	41	162
Multi-colored clay	10	172
Medium coarse brown sand, mica	25	197
Multi-colored sandy clay	15	212
Multi-colored sandy clay and hardpan	6	218
Multi-colored sandy clay	14	232
Fine brown sand, mica, and streaks of hardpan	6	238
Brown sandy clay, streaks of hardpan	4	242
Fine brown sand, streaks of clay, hardpan and mica	11	253
Solid gray clay	5	258

Casing: 20 and 12 inches.

Screen: 8 feet of 12 inch with bottom at 258 feet.

Pumping test:

August 6, 1955. Duration: 8 hours
 Static water level: 55 feet
 Drawdown: 25 feet
 Yield:1016 gpm

N-5308. (B-6) City of Long Beach, North Park Street and Pacific Boulevard, Long Beach. Drilled by Layne-New York Co., Inc., April 30, 1956.

Log:	Thickness (feet)	Depth (feet)
Gray sand	25	25
Marshy clay	20	45
Sand and gravel	65	110
Soft sandy clay	40	150
Sand, gravel, wood	64	214
Clay	8	222
Sand, gravel, wood	54	276
Sand and gravel	40	316
Sand, gravel, clay, wood	20	336
Fine sand	34	370
Sand, dark clay	50	520
Hard sand	18	538
Sand, clay streaks	95	633
Clay	55	688
Sand and clay	65	753
Hard clay	13	766
Clay, hard streak	191	957
Hardpan	2	959

N-5308. (Continued)	Thickness (feet)	Depth (feet)
Clay, hard streaks	66	1025
Sand, clay streaks	24	1049
Coarse sand	28	1077
Tough clay	4	1081
Sand, clay streaks	31	1112
Clay	16	1128
Sand	12	1140
Sand, clay streaks	13	1153
Coarse sand	75	1228
Clay, sand streaks	16	1244
Tough clay	2	1246

Casing: 18, 12 and 8 inches.

Screen: 60 feet of 8 inch with bottom at 1220 feet.

Pumping test:

April 30, 1956.	Duration:	8 hours
	Static water level:	1 foot
	Drawdown:	37 feet
	Yield:	1275 gpm

N-5313. (B-5) Sterling Estates (Gimbel's Department Store), south of Sunrise Highway and west of Mill Road, Valley Stream. Drilled by C. W. Lauman & Co., Inc., February 14, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Loam and clay	4	7
Coarse brown sand, grit, gravel	30	37
Same as above, with lumps clay	18	55
Fine gray sand	13	68
Same as above, with streaks sandy clay	11	79
Fine gray sand	12	91
Medium coarse gray sand and grit	5	96
Fine gray sand	28	124
Gray sandy clay	5	129
Fine gray sand	20	149
Same as above, with some clay, mica	9	158
Streaks sandy and solid clay	12	170
Fine gray sandy clay	8	178
Fine gray sand	6	184
Gray sandy clay	4	188
Fine gray sand	31	219
Gray clay	9	228
Fine gray sand, streaks lignite	21	249
Layers solid and sandy gray clay	9	258
Fine gray sand, streaks pyrite and lignite	16	274
Fine gray sandy clay	7	281
Fine gray sand, streaks lignite	14	295
Coarse gray sand	9	304
Fine gray sand, streaks lignite	26	330
Fine gray sandy clay, streaks solid clay	18	348

Casing: 16 inches.

Screen: 26 feet of 16 inch with bottom at 248 feet.

Static water level:	11 feet
Yield:	1000 gpm

N-5319. (C-7) East Meadow Water District, south of West End Place and west of Meadow Brook Parkway, East Meadow. Drilled by Layne-New York Co., Inc., September 6, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown sand, gravel	55	55
Fine white sand, yellow-white clay	24	79
Fine gray sand	19	98
Clay, iron oxide	1	99
Muddy fine sand	11	110
Fine gray sand	9	119
Yellow clay, lignite, sand	19	138
Fine gray sand, lignite	10	148
Black clay	15	163
Gray clay	6	169
Fine muddy sand, lignite	28	197
Clay, lignite	5	202
Sand, lignite	5	207
Fine sand	15	222
Clay, sand, lignite	7	229
Sand, lignite	16	245
Black clay, lignite, pyrite	4	249
Gray sand	21	270
Gray sandy clay	7	277
Fine gray sand	18	295
Clay, sand	4	299
Medium gray sand	13	312
Sand, clay, lignite	15	327
Fine gray sand	52	379
Clay	1	380
Sand, lignite	7	387
Sand and gravel	50	437
Gravel	7	444
Muddy brown sand	3	447

Casing: 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 438 feet.

Pumping test:

September 6, 1956. Duration: 8 hours
 Static water level: 21 feet
 Drawdown: 34 feet
 Yield:1300 gpm

N-5322. (C-7) East Meadow Water District, north of Cypress Avenue and west of Bellmore Road, East Meadow. Drilled by Layne-New York Co., Inc., June 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown sand, gravel	65	65
Multi-colored clay	4	69
White sand, gravel	16	85
Black clay, lignite, pyrite	13	98
Sand, white, brown clay	56	154
Brown clay, iron oxide	2	156
Black clay, lignite	11	167
Fine gray sand, clay, lignite	14	181
Black clay, sand, lignite	54	235
Fine gray sand, lignite	15	250
Black clay	7	257
Sand, clay, lignite	7	264

N-5322. (Continued)

	Thickness (feet)	Depth (feet)
Sand and clay streaks	12	276
Brownish sand	26	302
Sand, clay, lignite, pyrites	14	316
Black clay	2	318
Fine muddy sand	10	328
Black sandy clay	9	337
Fine white-brown sand	18	355
Fine gray sand	4	359
Gray clay	6	365
Fine white sand	10	375
Coarse brown sand	14	389
Red sand, some clay	5	394
Fine brown sand, clay streaks	21	415
Black clay, pyrites	13	428
Brown sand, gravel	14	442
Gravel, clay, iron oxide	16	458
Orange clay, sand	2	460
Black clay, sand streaks	6	466
Sand, gravel	32	498
White clay	2	500
Sand, gravel	14	514
Sand, gravel, clay	3	517

Casing: 18 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 510 feet.

Pumping test:

June 20, 1956.	Duration:	8 hours
	Static water level:	18 feet
	Drawdown:	39 feet
	Yield:	1225 gpm

N-5332. (E-7) Approved (Preferred) Sand and Gravel, north of North Hempstead Turnpike and west of Pine Hollow Road, Oyster Bay. Drilled by C. W. Lauman & Co., Inc., November 26, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill, loam, medium fine brown sand, grits mica	8	8
Medium fine brown sand, grits, mica	5	13
Medium coarse brown sand, grits, mica	5	18
Medium fine brown sand, grits, mica	5	23
Medium coarse brown sand, grits, mica gravel	5	28
Medium fine dark brown sand, grits, mica	5	33
Medium fine brown sand, grits, mica	11	44
Fine gray sand, grits, mica	10	54
Coarse brown sand, grits	5	59
Fine brown sand	33	92
Fine brown sand, some clay	5	97
Brown clay, some fine brown sand	5	102
Gray clay	15	117
Coarse brown sand, grits, gravel	5	122
Same as above, with boulders	13	135
Same as above, with solid clay	4	139
Sandy clay, grits, gravel	2	141
Coarse brown sand, grits, gravel imbedded in clay	2	143
Coarse brown sand, grits, gravel, boulders	37	180

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N-5332. (Continued)

Casing: 12 inches.

Screen: 45 feet of 12 inch with bottom at 162 feet.

Pumping test:

November 26, 1955. Duration: 9 hours
 Static water level: 28 feet
 Drawdown: 32 feet
 Yield: 1100 gpm

N-5334. (B-4) Inwood Country Club, north of Oak Avenue and west of Donahue Avenue, Inwood. Drilled by C. W. Lauman & Co., Inc., October 7, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil, sand, gravel	10	10
Coarse sand and gravel, light brown	11	21
Coarse sand, gravel, some fine sand, clay	7	28
Brown clay	3	31
Fine dark gray sand, silt, lignite, mica	10	41
Silt, clay, dark gray	16	57
Medium gray sand	10	67
Fine gray sand, mica, lignite	25	92
Medium brown sand, grits	10	102
Medium brown sand	15	117

Casing: 12 inches.

Screen: 6 feet of 12 inch with bottom at 28 feet.

6 feet of 12 inch with bottom at 68 feet.

24 feet of 12 inch with bottom at 117 feet.

Pumping test:

May 12, 1955. Duration: 4 hours
 Static water level: 10 feet
 Drawdown: 11 feet
 Yield: 533 gpm

N-5335. (D-7) Certified Redi-Mix Co., Inc., north of Northern State Parkway and east of Broadway, Jericho. Drilled by Mathies Well & Pump Co., Inc., June 8, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Coarse sand and gravel	23	24
Very heavy gravel	16	40
Coarse sand and gravel	18	58
Red clay, sand and gravel	2	60
Reddish-white clay and fine sand	11	71
Red clay and fine sand	2	73
Brown clay and fine sand	3	76
Brown sand	2	78
Yellow clay and fine sand	18	96
White clay and fine sand	6	102
Yellow clay and fine sand	4	106
Fine sand, some clay	4	110
Coarse sand	28	138
Small grits and yellow clay	6	144

Casing: 6 inches.

Screen: 21¾ feet of 3¾ inch with bottom at 144 feet.

Static water level: 80 feet

N-5336. (C-7) Hicksville Water District, north of Newbridge Road and west of Tiles Avenue, Hicksville. Drilled by C. W. Lauman & Co., Inc., July 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Loam, top soil	2	2
Coarse brown sand, grit, gravel	71	73
Same as above, with layers clay	20	93
Fine brown sand, lumps clay	18	111
Layers fine brown sand, sandy clay	11	122
Fine brown sand	9	131
Layers fine brown sand and multi-colored sandy clay	21	152
Solid gray clay	5	157
Fine brown sand, some clay and mica	20	177
Very fine multi-colored sand, some clay and mica	7	184
Fine brown sand, some clay, mica	18	202
Multi-colored sandy clay	7	209
Fine brown sand, some clay, mica	47	256
Solid gray clay	20	276
Layers fine brown sand, sandy and solid clay	11	287
Fine brown sand, some clay, mica	15	302
Solid brown and black clay	5	307
Fine brown sand	17	324
Very fine brown sand, some clay	5	329
Very fine gray sand, some clay	6	335
Fine gray sandy clay	14	349
Fine brown sand, streaks sandy clay	6	355
Fine gray sandy clay	5	360
Solid multi-colored clay	6	366
Fine multi-colored sandy clay, streaks solid clay	9	375
Very fine gray sand, some clay	5	380
Fine gray sandy clay	27	407
Fine gray sand, some clay, mica	5	412
Coarse brown sand, grits, some clay	4	416
Fine gray sand, some clay	15	431
Medium coarse brown sand	5	436
Fine brown sand, some clay, hardpan	4	440
Solid gray clay	7	447
Multi-colored solid clay	9	456
Very fine gray sand, some clay	19	475
Layers medium coarse brown and yellow sand	26	501
Fine brown sand, streaks sandy clay	8	509
Medium coarse gray sand	13	522
Layers fine gray sandy clay and coarse brown sand	8	530
Coarse brown sand, grits	13	543
Same as above, with gravel, some clay	15	558
Medium coarse brown sand	11	569
Coarse brown sand, grit, gravel, some clay	36	605
Medium coarse brown sand, grit, gravel, some clay	10	615
Medium coarse brown sand, layers fine white sandy clay, gravel	16	631
Fine multi-colored sand, some clay	20	651
Coarse brown sand, streaks clay	5	656
Solid brown clay	14	670

Casing: 18 inches.

Screen: 51 feet of 12 inch with bottom at 523 feet.

Pumping test:

January 27, 1956.	Duration:	8 hours
	Static water level:	44 feet
	Drawdown:	50 feet
	Yield:	1404 gpm

N-5340. (C-7) Salisbury Nursery, south of Hempstead Turnpike and east of Merrick Avenue, East Meadow. Drilled by C. W. Lauman & Co., Inc., May 13, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Coarse brown sand, gravel	43	45
Coarse brown sand, some gravel	5	50
Coarse brown sand, some grits	5	55
Casing: 4 inches.		
Screen: 6 feet of 4 inch with bottom at 54 feet.		
Pumping test:		
May 12, 1955. Duration:		6 hours
Static water level:		21 feet
Drawdown:		5 feet
Yield:		38 gpm

N-5349. (C-8) County Line Shopping Center, south of Carmans Road and east of South Main Street, Farmingdale. Drilled by Eastern Well & Pump Co., May 19, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse sand, grits and gravel	30	30
Medium sand, grits and gravel	20	50
Casing: 6 inches.		
Screen: 5 feet of 4 inch with bottom at 49 feet.		
Pumping test:		
May 19, 1955. Duration:		2 hours
Static water level:		5 feet
Drawdown:		7 feet
Yield:		75 gpm

N-5353. (C-5) Anthony D. Gilas & Sons, northwest of Highland Boulevard and Franklin Avenue, Lynbrook. Drilled by Fred Habenicht & Sons, June 4, 1955.

Log:	Thickness (feet)	Depth (feet)
Pit	9	9
Sand and gravel	52	61
Casing: 6 inches.		
Screen: 10 feet of 5¾ inch with bottom at 61 feet.		
Pumping test:		
May 28, 1955. Duration:		4 hours
Static water level:		29 feet
Drawdown:		9 feet
Yield:		97 gpm

N-5362. (B-5) J. Zacharia, south of Veedor and east of Cedar Streets, Hewlett Bay Park. Drilled by Milton Costello, May 13, 1955.

Log:	Thickness (feet)	Depth (feet)
Bog	15	15
Brown sand	5	20
Blue clay	25	45
White sand and grits	15	60

N-5362. (Continued)

Casing: 4 inches.

Screen: 7 feet of 4 inch with bottom at 60 feet.

Pumping test:

May 14, 1955. Duration: ½ hour
 Static water level: 6 feet
 Drawdown: 13 feet
 Yield: 45 gpm

N-5369. (B-5) Sheldon Magaliff, south of Muriel Avenue and west of Kenbridge Place, Lawrence. Drilled by Eastern Well & Pump Co., June 7, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill and beach sand	3	3
Brown medium to coarse sand, grits, gravel	3	6
Fine hard brown sand	4	10
Solid brown clay	1	11
Clean sharp medium to coarse brown sand	1	12
Hard and fine silty brown sand	3	15
Solid brown clay	2	17
Coarse brown sand, lots of grit and gravel	9	26
Light brown sand, sharp clean, lots of grits and gravel	4	30

Casing: 4 inches.

Screen: 4 feet of 4 inch with bottom at 28 feet.

Pumping test:

June 7, 1955. Duration: 3 hours
 Static water level: 5½ feet
 Drawdown: 2 feet
 Yield: 40 gpm

N-5397. (C-5) Gonsale Plating Co., northeast of New Hyde Park Road and Cathedral Avenue, Franklin Square. Drilled by Fred Habenicht & Sons, July 30, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil	4	4
Dark yellow sand and pebbles	33	37
Red hard sand, brick	6	43
Coarse light yellow sand, pebbles	20	63

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 63 feet.

Pumping test:

July 23, 1955. Duration: 8 days
 Static water level: 31 feet
 Yield: 15 gpm

N-5398. (B-5) D. W. Witkin, south of Willow Lane and west of Harbor Road, Hewlett Harbor. Drilled by Eastern Well & Pump Co., June 30, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Fill	3	4

(Continued on next page)

N-5398. (Continued)

	Thickness (feet)	Depth (feet)
Gray clay	1	5
Fine brown sand	2	7
Brown sand, grit and gravel	3	10
Very fine hard brown sand and mica	20	30
Light brown medium to coarse sharp sand, mostly grit and gravel	4	34
Light gray sand, grit and gravel, hard layers gray clay mixed in strata	6	40
Gray medium to fine sharp sand, lots of small grits	11	51
Sharp brown sand, lot of grit and gravel	3	54
Yellowish sharp clean sand and gravel	2	56

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 55½ feet.

Pumping test:

June 30, 1955.	Duration:	3	hours
	Static water level:	101½	feet
	Drawdown:	9	feet
	Yield:	45	gpm

N-5409. (C-8) Dogwood Realty (Bohack) south of Dogwood Lane and west of Hicksville-Massapequa Road, Massapequa. Drilled by C. W. Lauman & Co., Inc., June 10, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	48	48
Fine brown sand	1	49
Coarse sand and grit	1	50

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 50 feet.

Pumping test:

June 15, 1955.	Duration:	4	hours
	Static water level:	49¼	feet
	Drawdown:	7	feet
	Yield:	75	gpm

N-5419. (D-6) John Ross, south of Glen Cove Road and east of Jericho Turnpike, Westbury. Drilled by Mathies Well & Pump Co., Inc., June 7, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Clay	1	3
Hardpan	5	8
Sand and gravel	34	42

Casing: 4 inches.

Screen: 6 feet of 3¾ inch with bottom at 43 feet.

Static water level: 20 feet

N-5421. (C-8) C. W. Lauman & Co., Inc., north of Central Avenue and west of Broadway, Bethpage. Drilled by C. W. Lauman & Co., Inc., June 19, 1955.

Log:	Thickness (feet)	Depth (feet)
Cinders and top soil	2	2
Coarse brown sand, grit and gravel	81	83
Medium coarse brown sand, grits, layers of multi-colored clay	37	120
Medium coarse brown sand, grits	6	126
Brown sandy clay	5	131
Fine multi-colored sand, layers sandy clay	6	137
Medium coarse brown sand	6	143
Multi-colored sandy clay	5	148
Fine brown sand, streaks sandy clay	9	157
Multi-colored sandy clay	10	167
Fine brown sand	33	200

Casing: 6 inches.

Screen: 27 feet of 4 inch with bottom at 192 feet.

Static water level: 45 feet
Yield: 20 gpm

N-5429. (C-6) Nassau Manor Corporation, south of Hampton Road and east of Nassau Road, Roosevelt. Drilled by Eastern Well & Pump Co., June 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Cellar	8	8
Coarse brown sand and gravel	7	15
Coarse brown sand and gravel and large stones	18	33
Medium coarse light brown sand and gravel	13	46

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 46 feet.

Pumping test:

June 28, 1955. Duration: 3 hours
Static water level: 14 feet
Drawdown: - 6 $\frac{1}{3}$ feet
Yield: 130 gpm

N-5430. (B-6) K.B.K. Properties, south of Pine Street and east of Bergen Place, Freeport. Drilled by Mathies Well & Pump Co., Inc., July 1, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement	9	9
Coarse sand and gravel	29	38
Fine sand	2	40

Casing: 4 inches.

Screen: 8 feet of 4 inch with bottom at 40 feet.

Pumping test:

July 1, 1955. Duration: 1 hour
Static water level: 13 feet
Yield: 100 gpm

N-5431. (C-8) Walter Seligman, south of Holly Street and east of Merrit Road, Farmingdale. Drilled by C. W. Lauman & Co., Inc., June 23, 1955.

Log:	Thickness (feet)	Depth (feet)
Loam	4	4
Brown sand	2	6
Brown sandy clay	16	22
Gray-tan sandy clay	23	45
Black sandy clay	27	72
Fine gray sand, clayey	8	80
Black sandy clay, some layers solid clay	2	82
Gray-tan fine clayey sand	10	92
Gray fine and medium coarse sand, some gravel, clay	11	103
Fine brown sand, little clay	5	108
Fine brown sand, some clay	9	117
Solid gray clay	7	124
Lumps of hardpan	7	131
Fine tan sand, lumps clay	2	133

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 134 feet.

Static water level: 42 feet
Yield: 1400 gph

N-5433. (E-8) Mrs. A. C. Brooks, north of Laurel Hollow Road and east of Norh Road, Laurel Hollow. Drilled by Fred Habenicht & Son, October 30, 1955.

Log:	Thickness (feet)	Depth (feet)
Well pit	7	7
Coarse sand and gravel	122	129

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 129 feet.

Pumping test:

July 6, 1955. Static water level: 98 feet
Drawdown: 11 feet
Yield: 35 gpm

N-5434. (E-8) D. Donnelly, northwest of Laurel Hollow Road and North Road, Laurel Hollow. Drilled by Fred Habenicht & Sons, November 23, 1955.

Log:	Thickness (feet)	Depth (feet)
Well pit	7	7
Sand and gravel	162	169

Casing: 4 inches.

Screen: 5 feet of 3¾ inch with bottom at 169 feet.

Pumping test:

August 13, 1955. Duration: 6 hours
Static water level: 142 feet
Yield: 12 gpm

N-5440. (C-5) Triangle Sheet Metal Works, Inc., south of Plaza Avenue and west of New Hyde Park Road, New Hyde Park. Drilled by Eastern Well & Pump Co., October 10, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement	6	6
Medium coarse light brown sand, grits and gravel	67	73

Casing: 6 inches.
Screen: 9 feet of 4 inch with bottom at 67 feet.

Pumping test:
October 10, 1955. Duration: 3 hours
Static water level: 38 feet
Drawdown: 9¾ feet
Yield: 70 gpm

N-5441. (C-5) Dick Rowley, east of Salisbury Road and south of Elton Road, Stewart Manor. Drilled by Fred Habenicht & Sons, September 3, 1955.

Log:	Thickness (feet)	Depth (feet)
Well and tank pit	10	10
Coarse sand and pebbles	17	27
Coarse sand, red mix like brick dust	21	48
Very coarse white sand and gravel	16	64

Casing: 6 inches.
Screen: 10 feet of 5¾ inch with bottom at 64 feet.

Pumping test:
August 3, 1955. Duration: 4 hours
Static water level: 30 feet
Drawdown: 6 feet
Yield: 57 gpm

N-5450. (D-6) Rolling Hills Country Club, Inc., north of Greenvale Road and east of Central Boulevard, Roslyn. Drilled by Mathies Well & Pump Co., Inc., October 17, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Sand and boulders	3	5
Sand and gravel	5	10
Fine sand and gravel	20	30
Sand and very coarse gravel	30	60
Sand and gravel	20	80

Casing: 12 inches.
Screen: 21⅔ feet of 9½ inch with bottom at 80 feet.

Pumping test:
June 29, 1955. Duration: 8 hours
Static water level: 7½ feet
Drawdown: 33 feet
Yield: 500 gpm

N-5451. (C-7) Nassau County Park, north of Hempstead Turnpike and east of Merrick Avenue, Hempstead. Drilled by Mathies Well & Pump Co., Inc., September 14, 1955.

Log:	Thickness (feet)	Depth (feet)
Pit	12	12
Sand and gravel	7	19
Large stones and gravel	4	23
Coarse sand and gravel	21	44
Solid brown clay	6	50
Solid gray clay, trace of fine sand	25	75
Solid brown clay	17	92
Medium brown sand	8	100

Casing: 8 inches.

Screen: 11½ feet of 6 inch with bottom at 100 feet.

Static water level: 37 feet
Yield: 110 gpm

N-5456. (E-7) Associated Food Stores, north of Northern Boulevard and east of Pine Hollow Road, East Norwich. Drilled by C. W. Lauman & Co., July 15, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Coarse brown sand, grit, gravel	22	25
Coarse brown sand, grit, gravel, layers of soft brown clay	25	50
Coarse brown sand, grit, gravel	30	80
Coarse brown sand, grit, gravel, lumps brown clay	40	120
Medium coarse brown sand, grit, gravel	28	148
Fine brown sand, grit	9	157
Fine brown sand, mica	11	168
Very fine brown sand, some clay, mica	5	173

Casing: 6 inches.

Screen: 20 feet of 4 inch with bottom at 168 feet.

Pumping test:

June 27, 1955. Duration: 8 hours
Static water level: 141 feet
Drawdown: 5¼ feet
Yield: 80 gpm

N-5457. (C-6) Hempstead General Hospital, south of Front Street and west of Clarendon Road, Hempstead. Drilled by Eastern Well & Pump Co., October 3, 1955.

Log:	Thickness (feet)	Depth (feet)
Cellar	5	5
Medium coarse sand, gravel	9	14
Red brown sand, grits	1	15
Yellow sand, grits, heavy gravel	10	25
Brown sand, grits and gravel	28	53

Casing: 6 inches.

Screen: 6½ feet of 4 inch with bottom at 52 feet.

Pumping test:

October 3, 1955. Duration: 3 hours
Static water level: 24 feet
Drawdown: 4 feet
Yield: 40 gpm

N-5484. (C-6) Roosevelt Field, Inc., south of Old Country Road and east of Clinton Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., May 5, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	3	3
Gray clay	5	8
Coarse brown sand, grits, gravel and stones	13	21
Medium coarse brown sand, grits and gravel	19	40
Coarse brown sand, grits and gravel	8	48
Medium fine brown sand, grits and gravel	4	52
Coarse brown sand, grits and gravel and lumps of clay	6	58
Coarse brown sand, grits, gravel and large stones	3	61
Fine brown sandy clay and mica	11	72
Fine brown sand and some clay and mica	17	89
Brown sandy clay, gray clay and hardpan	10	99
Brown sandy clay and mica	8	107
Fine brown sand and sandy clay	20	127
Fine brown sand, multi-colored sandy clay, hardpan and mica	18	145
Fine brown sand, mica and clay	11	156
Fine brown sand, hardpan and streaks of clay	5	161
Fine brown sand and mica	4	165
Fine brown sand, clay and hardpan	2	167
Solid gray clay and lignite	5	172
Multi-colored fine sand and some sandy clay	8	180
Fine brown sand, mica, hardpan and multi-colored sandy clay	8	188
Fine brown sand, mica, hardpan, clay, grits and gravel	8	196
Fine brown sand, hardpan and lumps of multi-colored clay	7	203
Fine brown sand, hardpan and multi-colored clay	10	213
Fine brown sand, clay, grits and gravel	10	223
Solid brown clay	9	232
Brown sandy clay and lignite	4	236
Brown sand, gray sand, hardpan and clay	6	242
Fine brown sand, some multi-colored sandy clay and hardpan	10	252
Medium fine brown sand, some multi-colored sandy clay and hardpan	36	288
Fine brown sand, multi-colored sandy clay, hardpan and mica		below 288
Casing: 16 inches.		
Screen: 31 feet of 16 inch with bottom at 281 feet.		
21 feet of 16 inch with bottom at 116 feet.		

Pumping test:

October 31, to November 1, 1955.

Duration:	24 hours
Static water level:	17 feet
Drawdown:	28 feet
Yield:	1525 gpm

N-5485. (C-6) Roosevelt Field, Inc., south of Old Country Road and east of Clinton Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., May 5, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Coarse brown sand, grits, gravel	51	54
Fine brown sand, some clay, mica	10	64

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N-5485. (Continued)

	Thickness (feet)	Depth (feet)
Fine brown sand, sandy clay, hardpan, mica	10	74
Fine gray sand, multi-colored sandy and solid clay, mica	16	90
Fine gray sand, multi-colored sandy clay, hardpan	5	95
Fine gray sand, mica, sandy clay	5	100
Fine brown sand, mica, sandy clay	3	103
Hardpan, mica	8	111
Multi-colored sandy and solid clay, hardpan	5	116
Fine brown sand, mica, some clay	10	126
Fine brown sand, mica, some clay	9	135
Fine brown sand, clay, mica	10	145
Fine brown sand, mica, hardpan, stones, some clay	6	151
Fine brown sand, mica, hardpan, sandy clay	8	159
Fine brown sand, sandy clay, hardpan, mica, stones	7	166
Fine brown sand, clay, stones, mica	4	170
Multi-colored, sandy and solid clay	6	176
Gray solid clay and pyrite	4	180
Solid gray clay, lignite, pyrite, some gravel	4	184
Lignite and pyrite	2	186
Solid gray clay	3	189
Solid gray clay, lignite and pyrite	4	193
Fine brown sand, streaks of dark gray clay, hardpan	6	199
Fine brown sand, dark gray clay, hardpan	24	223
Solid dark gray clay, pyrite	10	233
Medium fine gray sand, hardpan, sandy clay	13	246
Fine gray sand, mica, hardpan, brown clay	3	249
Fine gray sand, mica, some lignite	5	254
Medium fine gray sand, mica, lignite	2	256
Fine gray sand, mica, multi-colored sandy clay	4	260
Fine gray sand, mica, multi-colored sandy clay	10	270
Fine gray sand	6	276

Casing: 16 inches.

Screen: 58 feet of 16 inch with bottom at 278 feet.

Pumping test:

November 1, 1956 to November 2, 1956.

Duration:	24 hours
Static water level:	23 feet
Drawdown:	32 feet
Yield:	1540 gpm

N-5507. (C-6) Roosevelt Field, Inc., south of Old Country Road and east of Clinton Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., May 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, grits and rocks	10	10
Coarse brown sand, grits and gravel	41	51
Solid gray clay	3	54
Coarse brown sand, grits, gravel and clay	12	66
Coarse brown sand, grits and gravel	7	73
Fine brown sand, hardpan and clay	19	92
Multi-colored sandy clay and hardpan	10	102
Medium coarse brown sand and hardpan	5	107
Fine brown sand, multi-colored clay and mica	15	122
Sandy clay and mica	10	132
Sandy clay, hardpan and mica	30	162
Fine brown sand, clay and hardpan	3	165

N-5507. (Continued)

	Thickness (feet)	Depth (feet)
Hardpan, lignite and multi-colored clay	3	168
Solid gray clay, hard	10	178
Fine brown sand, hardpan, lumps of clay	24	202
Gray clay, hardpan and pyrite	5	207
Fine brown sand, lumps of clay	10	217
Fine brown sand, lumps of clay and lignite	6	223
Fine brown sand, clay, hardpan, lignite and pyrite	16	239
Fine brown sand and clay	11	250
Sandy clay, hardpan and pyrite	10	260
Fine brown sand, hardpan, pyrite, clay and mica	16	276
Fine gray sand, sandy clay and pyrite	4	280
Fine gray sand, some clay and mica	15	295
Medium coarse gray sand, streaks of clay and mica	12	307
Fine gray sand, clay, lignite and pyrite	9	316
Gray sandy clay, lignite and pyrite	3	319

Casing: 30 and 16 inches.

Screen: 11 feet of 16 inch with bottom at 102 feet.

11 feet of 16 inch with bottom at 152 feet.

32 feet of 16 inch with bottom at 314 feet.

Note: All measurements are from basement floor which is 16 feet below grade.

Pumping test:

November 16 and 17, 1956. Duration: 24 hours
 Static water level: 9 feet below
 top of casing
 Drawdown: 32 feet
 Yield: 1613 gpm

N-5528. (D-5) Manhasset-Lakeville Water District, south of Northern Boulevard and west of Searingtown Road, Manhasset. Drilled by Layne-New York Co., Inc., May 4, 1956.

Log:	Thickness (feet)	Depth (feet)
Hardpan	16	16
Hard sand and gravel	82	108
Hard clay	8	116
Hard sand	17	133
Sand and gravel, hard streaks	62	195
White clay	6	201
Sand and gravel	29	230
Clay	12	242
Sand and gravel, clay streaks	63	305
Various color clay	14	319
White sand, hard streaks	34	353
White clay	5	358
Sand and gravel, hard	38	396
Sandy clay	8	404
Coarse sand and gravel	91	495
Tough clay	5	500

Casing: 30, 20 and 12 inches.

Screen: 60 feet of 12 inch with bottom at 490 feet.

Pumping test:

May 4, 1956. Duration: 8 hours
 Static water level: 193 feet
 Drawdown: 34 feet
 Yield: 1070 gpm

N-5535. (D-5) Deepdale, Inc., north of Horace Harding Expressway east of Valley Road, Lake Success. Drilled by C. W. Lauman & Co., Inc., November 8, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	3	3
Coarse brown sand, grits, gravel and boulders	17	20
Coarse brown sand, gravel and boulders	45	65
Coarse brown sand, grits, gravel and boulders	10	75
Fine to medium brown sand and mica	5	80
Coarse sand and boulders	7	87
Fine brown sand, sandy clay, imbedded gravel	1	88
Sandy and solid multi-colored clay	10	98
Coarse brown sand and gravel, large stones	30	128
Fine to coarse gray sand, grits and boulders	40	168
Fine to coarse sand, cemented gravel	15	183
Coarse sand and grits	10	193
Fine to coarse sand and cemented gravel	7	200
Fine brown sand, gravel and boulders	8	208
Fine brown sand, multi-colored sandy clay	20	228
Gray sandy clay	7	235
Fine gray sand and multi-colored clay	27	263
Multi-colored sandy clay	7	270
Solid gray clay	3	273
Fine gray sand and hardpan	3	276
Solid gray clay, very sticky	9	285
Solid multi-colored clay, lignite and hardpan	1	286
Multi-colored sandy clay, grits, lignite and hardpan	1	287
Fine to medium sand, streaks of sandy clay, lignite and hardpan	1	288
Fine to medium gray sand and sandy gray clay	4	292
Fine brown sand, hardpan, streaks of clay	8	300
Fine gray sand and sandy clay	8	308
Fine gray sand, streaks of solid clay and hardpan	3	311
Solid gray clay	6	317
Solid gray clay and pyrite	9	326
Multi-colored solid clay and hardpan	2	328
Multi-colored sandy clay, streaks of fine brown sand and hardpan	1	329
Fine brown sand, lumps of multi-colored clay and hardpan	4	333
Fine to coarse gray sand, grits, some clay	10	343
Fine to coarse gray sand, grits, lumps of clay	7	350
Coarse brown grits	10	360
Coarse brown sand, layers of sandy clay	3	363
Coarse brown sand, grits, some clay	32	395
Coarse brown sand, grits, layers of multi-colored clay	2	397
Solid multi-colored clay	10	407
Fine to coarse sand, grits and gravel	3	410

Casing: 16 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 390 feet.

Pumping test:

November 16, 1955.	Duration:	8 hours
	Static water level:	186 feet
	Drawdown:	17 feet
	Yield:	690 gpm

N-5542. (D-5) Grand Union Company, north of Northern Boulevard and west of Great Neck Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., July 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand	10	10
Fine sand, some clay	65	75
Medium fine brown sand, some clay, few grits	13	88
Brown and gray clay, very little sand		below 88
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 85 feet.		
Static water level:		46 feet
Yield:		100 gpm

N-5546. (E-7) David Merson, south of Cleft Road and east of Horse Shoe Road, Mill Neck. Drilled by Eastern Well & Pump Co., January 12, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Dirty brown hard packed sand, grits, gravel and large stones	8	9
Reddish brown dirty sand, gravel and boulders	23	31
Brown medium coarse dirty sand, grits, and gravel	19	50
Light brown clean sharp sand, grit and gravel	19	69
Dirty brown medium coarse sand, grit and gravel	19	88
Clay, brown sand, grit and gravel	5	93
Clayey gray-brown sand, grit and gravel	9	102
Silty fine brown sand, grits, mica	3	105
Fine dirty sand, hardpan	6	111
Medium coarse sand, grit and gravel	12	123
Fine light brown sand (fairly clean)	5	128
Light brown medium fine sand, grits	3	131
Fine dirty brown sand, clay and hardpan	3	134
Brown medium coarse sand and grits	6	140
Gray clay	5	145
Gray and brown clay	20	165
Dirty gray sand and grits, clayey	3	168
Fine silty sand, clay lumps and mica	7	175
Dirty gray sand, grits, lumps of clay	3	178
Yellow brown sand, medium to coarse, lot grit and gravel	9	187
Casing: 8 inches.		
Screen: 6 feet of 6 inch with bottom at 187 feet.		
Pumping test:		
January 12, 1956. Duration:		6 hours
Static water level:		135 feet
Drawdown:		6 feet
Yield:		45 gpm

N-5575. (C-7) New York City—Department of Water Supply, Gas and Electricity, Wantagh. Drilled by New York City, July 14, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse red sand	25	25
Greenish fine sand	11	36
Fine gray sand	11	47
Gray clay	5	52

(Continued on next page)

N-5575. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand	6	58
Gray clay	4	62
Fine reddish sand	8	70
Coarser reddish sand	20	90
Clay, coarse gray sand	10	100

Casing: 8 inches.

Screen: 10 feet of 8 inch with bottom at 100 feet.

Pumping test:

July 14, 1955.	Duration:	1 hour
	Static water level:	flows
	Drawdown:	1 foot
	Yield:	13 gpm

N-5582. (C-6) Lord & Taylor c/o The Garden City Co., south of 13th Street and Franklin Avenue, Garden City. Drilled by C. W. Lauman & Co., Inc., March 23, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill soil and loam	10	10
Coarse brown sand, grits, gravel	40	50
Medium coarse brown sand	15	65
Medium coarse brown sand and gravel	15	80
Coarse brown sand, gravel and stones	6	86
Medium coarse brown sand and grits	9	95
Coarse brown sand, grits and stones	2	97
Brown clay	6	103
Solid gray clay	15	118
Gray sandy clay and streaks of sand	7	125
Gray sandy clay	20	145
Solid gray clay	59	214
Fine gray sand and streaks of gray clay	14	228
Solid gray clay	4	232
Gray clay and some grits	5	237
Fine gray sand and some dark gray clay	30	267
Medium coarse gray sand and some dark gray clay	10	277
Fine gray sand and some dark gray clay	8	285

Casing: 12 inches.

Screen: 31 feet of 10 inch with bottom at 274 feet.

Pumping test:

November 21, 1955.	Duration:	12 hours
	Static water level:	34 feet
	Drawdown:	44 feet
	Yield:	448 gpm

N-5583. (B-5) H. C. Bohack Co., Inc., north of Rockaway Avenue and east of Roosevelt Avenue, Valley Stream. Drilled by Sweeney & Gray Co., Inc., November 10, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement	7	7
Fine to medium sand	38	45

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 45 feet.

N-5583. (Continued)

Pumping test:
November 10, 1955. Duration: 4 hours
Static water level: 8 feet
Drawdown: 3 feet
Yield: 45 gpm

N-5589. (B-5) Union Free School District #14 (Hewlett High School), south of East Rockaway Road and west of Meadowview Avenue, Hewlett. Drilled by Mathies Well & Pump Co., Inc., June 19, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and stones	6	6
Medium sand and grits	21	27
Gray clay	35	62
Fine sand, some grits	16	78

Casing: 4 inches.
Screen: 9 feet of 4 inch with bottom at 78 feet.

Pumping test:
September 19, 1955. Duration: 2 hours
Static water level: 9 feet
Yield: 45 gpm

N-5593. (B-5) Crestwood Dairy, Inc., north of Merrick Road and east of Dawes Avenue, Lynbrook. Drilled by Mathies Well & Pump Co., Inc., October 20, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Gray clay	2	7
Fine sand (tied in clay)	10	17
Fine brown sand	40	57
White clay	8	65
Gray sandy clay	20	85
Brown clay	11	96
Brown sandy clay	29	125
Gray sandy clay	13	138
Fine gray sand (life)	5	143
Solid gray clay	37	180
Sandy gray clay (soft)	80	260
Fine sand	8	268
Fine sand	7	275
Fine sand	4	279
Fine sand and clay	1	280
Fine sand	18	298

Casing: 10 inches.
Screen: 31 feet of 6 inch with bottom at 297 feet.

Pumping test:
October 20, 1955. Duration: 8 hours
Static water level: 10 feet
Drawdown: 53 feet
Yield: 530 gpm

N-5594. (D-7) Mid-Island Shopping Center, south of Nevada Street and west of Broadway, Hicksville. Drilled by C. W. Lauman & Co., Inc., October 19, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel	40	40
Same as above, with large stones	26	66
Coarse brown sand, gravel, lumps clay	10	76
Fine brown sand	18	94
Solid gray clay	7	101
Fine multi-colored sand, some clay, mica	37	138
Fine brown sand, some clay	14	152
Fine multi-colored sand, sandy clay, mica	12	164
Fine multi-colored sand, some clay, mica	9	173
Fine multi-colored sand, sandy clay, mica	7	180
Fine brown sand, mica	11	191
Solid gray clay	11	205
Fine multi-colored sand, sandy and solid clay	5	210
Fine brown sand, mica	4	214
Fine brown sand, sandy clay, mica	5	219
Fine gray sand, sandy clay, mica	10	229
Solid and multi-colored sandy clay	5	234
Fine multi-colored sand, sandy clay, mica	6	240
Fine brown sand, sandy clay, mica	5	245
Coarse brown sand, some clay, mica	8	253
Fine multi-colored sand, streaks clay, mica	3	256
Solid brown clay	6	262
Solid gray clay, streaks sandy clay	10	272
Gray sandy clay, solid gray clay	16	288
Solid gray clay	3	291
Multi-colored sandy clay, streaks solid clay	6	297
Fine gray sand, mica, some clay	10	307
Fine gray sand, streaks sandy and solid clay	5	312
Medium brown sand, some clay	5	317
Fine gray sand, mica, streaks sandy clay	6	323
Multi-colored sandy clay, streaks fine gray sand	4	327
Solid gray clay	4	331
Gray sandy clay	7	338
Multi-colored sandy clay, streaks fine gray sand	14	352
Fine gray and pink sand, mica, some clay	9	361
Medium brown and pink sand, some clay	9	370
Fine brown and pink sand, mica, some clay	8	378
Medium multi-colored sand, some clay, small grits	4	382
Fine multi-colored sand, mica, some clay	11	393
Medium brown sand, streaks sandy and solid clay	10	403
Medium coarse brown sand, some small grits	6	409
Fine multi-colored sand, streaks sandy and solid clay	13	422
Medium brown sand, mica	7	429
Multi-colored sand, some clay, streaks solid clay	4	433
Multi-colored sand, mica, streaks sandy clay	7	440

Casing: 16 inches.

Screen: 15 feet of 16 inch with bottom at 145 feet.

21 feet of 16 inch with bottom at 190 feet.

15 feet of 16 inch with bottom at 255 feet.

Pumping test:

October 12, 1955. Duration: 8 hours
Static water level: 48 feet
Drawdown: 30 feet
Yield:1212 gpm

N-5595. (C-6) North Shore Land Corporation, south of Old Country Road and east of Ivy Court, Garden City. Drilled by Mathies Well & Pump Co., Inc., September 8, 1955.

Log:	Thickness (feet)	Depth (feet)
Pit	10	10
Coarse sand and gravel	65	75
Fine sand, some gravel	13	88
Casing: 8 inches.		
Screen: 17 feet of 6 inch with-bottom at 87½ feet.		
Pumping test:		
August 31, 1955. Duration:	2	hours
Static water level:	36½	feet
Drawdown:	9	feet
Yield:	200	gpm

N-5599. (D-6) G. Schenk, south of I. U. Willets Road and east of Shelter Rock Road, Albertson. Drilled by Fred Habenicht & Sons, March 17, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil	6	6
Clay and sand mix	67	73
Light sandy clay mix, mica	45	118
Light yellow sandy clay	13	131
Light yellow sand, very muddy	17	148
Casing: 4 inches.		
Screen: 5 feet of 3¾ inch with bottom at 148 feet.		
Pumping test:		
September 10, 1956. Duration:	3	hours
Static water level:	97	feet
Yield:	20	gpm

N-5608. (D-6) H. H. Rains, south of Ridge Drive and west of Knolls Drive, East Hills. Drilled by C. W. Lauman & Co., Inc., November 22, 1955.

Log:	Thickness (feet)	Depth (feet)
Cobble stones, coarse sand, gravel	10	10
Coarse sand, gravel, stones	62	72
Casing: 6 inches.		
Screen: 10¾ feet of 4 inch with bottom at 72 feet.		
Static water level:		36 feet
Yield:		40 gpm

N-5620. (E-7) Jenkins (Builder) north of Roosevelt Road and west of Joyce Place, Centre Island. Drilled by C. W. Lauman & Co., Inc., October 26, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement	7	7
Solid brown clay	11	18
Hardpan	28	46
Dark brown sand, plenty of gravel	3	49

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N-5620. (Continued)	Thickness (feet)	Depth (feet)
Solid blue-gray clay	14	63
Coarse brown sand and gravel	5	68
Yellowish brown sand and gravel	2	70
Light brown sand, grits, large stones	5	75
Casing: 4 inches.		
Screen: 5¾ feet of 4 inch with bottom at 68 feet.		
Static water level:		34 feet
Yield:		10 gpm

N-5624. (C-6) Apostolic Church, California Avenue and Front Street, Uniondale. Drilled by Eastern Well & Pump Co., October 12, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil	3	3
Red-brown grits and clay	2	5
Red gravel and stones	3	8
Hard yellow sand	2	10
Coarse brown sand, grits and gravel	11	21
Heavy grit and gravel, light brown sand	12	33
Casing: 4 inches.		
Screen: 5 feet of 2 inch with bottom at 38 feet.		
Pumping test:		
October 12, 1955. Duration:	2	hours
Static water level:	19¾	feet
Drawdown:	2	feet
Yield:	20	gpm

N-5627. (C-8) J. T. Powell Professional Building, north of Merrick Road and west of Jackson Avenue, Seaford. Drilled by Eastern Well & Pump Co., June 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Sandy clay	1	1
Hard gray-green clay	1	2
Clean light brown sand, few grits	26	28
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 26½ feet.		
Pumping test:		
June 10, 1956. Duration:	2	hours
Static water level:	4	feet
Drawdown:	5½	feet
Yield:	45	gpm

N-5634. (E-7) Mr. and Mrs. Rockike, Cedar Lane and Centre Island Road, Centre Island. Drilled by Fred Habenicht & Sons, March 3, 1956.

Log:	Thickness (feet)	Depth (feet)
Well	6	6
Clay and stones	43	49
Sandy clay and mica	24	73
Yellow sandy clay	8	81

N-5634. (Continued)	Thickness (feet)	Depth (feet)
Coarse yellow sand	6	87
Sand and gravel	2	89
Well point	4	93
Casing: 4 inches.		
Screen: 4 feet of 2 inch with bottom at 93 feet.		
Pumping test:		
October 13, 1955. Duration:		6 hours
Static water level:		67 feet
Yield:		14 gpm

N-5643. (C-5) The Franklin National Bank, south of Hempstead Turnpike and west of James Street, Franklin Square. Drilled by Eastern Well & Pump Co., October 21, 1955.

Log:	Thickness (feet)	Depth (feet)
Cellar	6	6
Medium brown sand, some grits	24	30
Stones, gravel, grits, some sand	3	33
Medium to fine brown sand	7	40
Medium brown sand, some grits	8	48
Coarse red-brown sand and grits	17	65
Casing: 6 inches.		
Screen: 10 feet of 4 inch with bottom at 65 feet.		
Pumping test:		
October 27, 1955. Duration:		3 hours
Static water level:		16 feet
Drawdown:		9 feet
Yield:		125 gpm

N-5644. (D-7) Mid-Island Shopping Plaza, north of Nevada Street and west of Broadway, Hicksville. Drilled by C. W. Lauman & Co., Inc., November 18, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, grits, gravel	20	20
Same as above, with large stones	9	29
Fine brown sand, grits, gravel, stones	10	39
Medium coarse brown sand, grits, gravel, stones	16	55
Fine brown sand and gravel	19	74
Coarse brown sand and grits	9	83
Fine brown sand, multi-colored clay, mica	20	103
Multi-colored sandy clay	10	113
Fine brown sand, mica, clay	13	126
Medium brown sand, mica, some clay	11	137
Fine gray sand, mica, streaks clay	19	156
Fine multi-colored sand, mica	10	166
Fine multi-colored sand	10	176
Same as above, with mica	10	186
Medium brown sandy clay	5	191
Fine sand, streaks multi-colored sandy clay, mica	10	201
Gray clay	9	210
Multi-colored sandy clay, streaks clay	5	215
Fine brown sand, some clay	9	224

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N-5644. (Continued)

	Thickness (feet)	Depth (feet)
Fine brown sand, multi-colored sandy clay	13	237
Multi-colored sandy clay	8	245
Fine brown sand, some clay	7	252
Fine gray sand, some clay, hardpan	8	260
Medium coarse brown sand, some clay, hardpan	5	265
Gray clay	1	266
Medium coarse brown sand, some clay, hardpan	5	271
Fine brown sand, mica	3	274

Casing: 12 inches.

Screen: 25 feet of 12 inch with bottom at 270 feet.

Pumping test:

October 25, 1955.	Duration:	8 hours
	Static water level:	65 feet
	Drawdown:	27 feet
	Yield:	361 gpm

N-5649. (D-7) Westbury Sand & Gravel Co., south of Grand Boulevard and west of Grand Street, Westbury. Drilled by C. W. Lauman & Co., Inc., November 30, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill and stones	5	5
Brown sand, gravel	25	30
Brown sand and gravel (water bearing)	20	50

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 49 feet.

Pumping test:

October 26, 1955.	Static water level:	16 feet
	Drawdown:	10 feet
	Yield:	60 gpm

Note: Water temperature 53° Fahrenheit.

N-5650. (D-5) Great Neck Sewer District, south of Vista Road and west of East Shore Road, Great Neck. Drilled by Weidner's Pump Service, November 20, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	7	7
Top soil	1	8
Fine sand and clay	27	35
Clay	8	43
Fine sand	9	52
Coarse sand	4	56
Clay		below 56

Casing: 2 inches.

Screen: 4 feet of 1½ inch with bottom at 56 feet.

Pumping test:

November 20, 1955.	Duration:	2 hours
	Static water level:	7 feet
	Drawdown:	15 feet
	Yield:	15 gpm

N-5653. (C-6) Long Island Water Corporation, south of Woodland Drive and west of West Long Beach Road, South Hempstead. Drilled by C. W. Lauman & Co., Inc., April 6, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, grits, gravel	60	60
Coarse brown sand, grits, gravel and clay	10	70
Fine gray sand, streaks of clay	15	85
Medium coarse gray sand, grits, gravel, streaks of clay	3	88
Fine gray sand, streaks of clay, mica	20	108
Fine gray sand, streaks of clay, lignite	20	128
Solid gray clay	10	138
Fine gray sand, streaks of clay, lignite	24	162
Fine gray sand, mica, streaks of clay	10	172
Fine gray sand, mica, lignite	10	182
Solid gray clay, streaks of sand	10	192
Fine gray sandy clay, lignite, mica, some clay	10	202
Fine gray sand, lignite, mica and clay	15	217
Gray sandy clay, clay, lignite	9	226
Fine gray sand, lignite, mica	10	236
Fine gray sand, mica, streaks of clay, lignite	30	266
Fine gray sand, mica, lignite	6	272
Fine gray sand, lignite, clay	10	282
Fine gray sand, lignite, some clay	30	312
Fine gray sandy clay, mica, lignite	10	322
Fine gray sand, some clay, lignite	50	372
Fine gray sand, mica and lignite	10	382
Medium gray sand, streaks of clay, pyrite	10	392
Fine gray sand, streaks of clay, mica	10	402
Fine gray sand, pyrite, lignite	8	410
Fine gray sand, lignite, mica	8	418
Fine gray sandy clay, pyrite, lignite	12	430
Fine gray sand	10	440
Fine gray sand, sandy clay, clay	10	450
Fine gray sand, sandy clay, lignite	4	454
Solid gray clay	9	463
Gray clay and pyrite	16	479
Coarse gray sand and gray clay	4	483
Solid gray clay	6	489
Medium coarse gray sand, mica, streaks of clay	14	503
Coarse gray sand, some mica	10	513
Coarse gray sand, grits, streaks of clay	15	528
Fine brown sand, some clay, grits	9	537
Medium coarse sand, grits	3	540
Fine sand, grits, clay	5	545
Coarse sand, grits, clay	3	548
Fine gray sand, some clay	12	560
Coarse sand, grits	4	564
Fine gray sand, grits	4	568
Gray sand, grits, gravel, clay	5	573
Coarse gray sand, grits, gravel	13	586
Fine gray sand, sandy clay and hardpan	4	590

Casing: 18 inches.

Screen: 52 feet of 12 inch with bottom at 589 feet.

Pumping test:

February 20, 1956.	Duration:	8 hours
	Static water level:	12 feet
	Drawdown:	42 feet
	Yield:	1500 gpm

Note: Water temperature 53° Fahrenheit.

N-5654. (C-6) Westbury Water District, north of Old Country Road and east of Grand Street, Westbury. Drilled by Layne-New York Co., Inc., August 15, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown sand and gravel	34	34
Light brown sand	14	48
Fine muddy sand	34	82
Sand, brown clay, iron oxide	54	136
Black clay	5	141
Fine white sand	7	148
Gray clay	18	166
Sand	13	179
Clay	4	183
Fine sand, some brown clay	46	229
White-brown clay, fine white-brown sand	31	260
Coarse sand and gravel	15	275
Hard streaks	1	276
Sand	65	341
Sand, clay	11	352

Casing: 20 inches.

Screen: 60 feet of 12 inch with bottom at 335 feet.

Pumping test:

August 15, 1956.	Duration:	8	hours
	Static water level:	25½	feet
	Drawdown:	19	feet
	Yield:	975	gpm

N-5655. (D-7) Westbury Water District, north of Broadway and east of Brooklyn Avenue, Westbury. Drilled by Layne-New York Co., Inc., August 16, 1956.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel	32	32
Various colored clay	24	56
Fine muddy sand, clay	20	76
Fine sand	9	85
Clay, iron oxide	1	86
Sand, clay, iron oxide	14	100
Various colored clay	10	110
Fine sand, clay, iron oxide	14	124
Fine brown sand	7	131
Fine sand, clay, iron oxide	25	156
Fine white sand	7	163
White and brown clay	3	166
Fine muddy brown sand, iron oxide	7	173
White and brown clay	12	185
Fine muddy sand	9	194
White and brown clay	4	198
Fine brown sand	12	210
White yellow clay	2	212
Brown sand	13	225
White and brown clay	4	229
Fine white brown sand	21	250
Fine clay	3	253
Fine sand	7	260
Various color clay	5	265

Casing: 20 and 12 inches.

Screen: 50 feet of 12 inch, with bottom at 255 feet.

N-5655. (Continued)

Pumping test:
 August 16, 1956. Duration: 8 hours
 Static water level: 48½ feet
 Drawdown: 37½ feet
 Yield: 1050 gpm

N-5656. (C-6) Long Island Water Co., south of Tanglewood Road and east of Pines Pond Road, Lakeview. Drilled by Layne-New York Co., Inc., June 21, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil	5	5
Sand and gravel	3	8
Soft sandy clay	10	18
Soft gray clay	8	26
Sand and gravel	5	31
Gray sandy clay	78	109
Muddy sand, wood, streaks pyrites	71	180
Sand and gravel	5	185
Muddy sand	16	201
Sand and wood	10	211
Sand and wood	11	222
Sand, streaks of wood	29	251
Fine muddy sand	29	280
Clay	2	282
Muddy sand and wood	23	305
Hard packed sand	24	329
Clay	2	331
Sand and streaks of clay	79	410
Hard packed sand	14	424
Hard clay	17	441
Coarse sand	23	464
Clay	2	466
Coarse sand and fine gravel	34	500
Clay	6	506

Casing: 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 495 feet.

Pumping test:
 June 21, 1956. Duration: 8 hours
 Static water level: 2 feet above casing
 Drawdown: 61 feet
 Yield: 1200 gpm

N-5663. (D-7) Health Insurance Plan of Greater New York, west of Broadway and south of Roosevelt Avenue, Hicksville. Drilled by Mathies Well & Pump Co., Inc., November 29, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	83	83
Fine sand	7	90
Coarse sand and grits	10	100

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 99 feet.

Pumping test:
 November 29, 1955. Duration: 4 hours
 Static water level: 57½ feet
 Yield: 100 gpm

N-5664. (C-6) Korvette Westbury, Inc., south of Glen Cove Road and west of Westbury Avenue, Carle Place. Drilled by Eastern Well & Pump Co., November 16, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill	10	10
Medium to coarse yellowish brown sand, grits and gravel	7	17
Medium to coarse light brown sand, lots grits and gravel	24	41
Medium to coarse light brown sand, fewer grits and gravel	26	67
Brown silty sand and hardpan	3	70

Casing: 8 inches.

Screen: 15 feet of 6 inch with bottom at 67½ feet.

Pumping test:

November 15, 1955.	Duration:	3	hours
	Static water level:	18	feet
	Drawdown:	16½	feet
	Yield:	200	gpm

N-5667. (C-7) Nassau County Department Public Works, northwest of Jerusalem Avenue and Liberty Street, East Meadow. Drilled by Eastern Well & Pump Co., February 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	3	3
Medium to coarse brown sand, grit and gravel	27	30
Clean medium to coarse dark brown sand, mostly grit and gravel	18	48
Fine to medium light brown sand, lots of heavy grits, gravel and stones	7	55
Brown medium coarse sand, mostly grits and heavy gravel	7	62
Layer of brown sandy clay	1	63
Light brown sand, fairly clean, lots of life, some small grits	1	64
Solid black clay	1	65

Casing: 8 inches.

Screen: 16 feet of 8 inch with bottom at 64 feet.

Pumping test:

February 20, 1956.	Duration:	6	hours
	Static water level:	21	feet
	Drawdown:	18	feet

N-5672. (E-7) Beaver Dam Sports Club, northeast of Kentuck Lane, Mill Neck. Drilled by C. W. Lauman & Co., Inc., December 22, 1955.

Log:	Thickness (feet)	Depth (feet)
Brown sand	15	15
Brown sand and clay.....	20	35
Gray sand and clay	15	50
Brown sand and clay	5	55
Gray sand and clay	30	85
Brown sand and clay	10	95
Brown sand, gravel, stones	5	100
Beach sand, gravel, stones	15	115
Sand, gravel, stones	3	118
White clay	1	119

Casing: 8 inches.

Screen: 19½ feet of 6 inch with bottom at 121 feet.

N-5672. (Continued)

Pumping test:
 December 6, 1955. Duration: 4 hours
 Static water level: flows
 Drawdown: 16 feet
 Yield: 250 gpm

N-5677. (D-7) Kollsman Instrument Co., north of Jericho Turnpike and east of Willis Avenue, Syosset. Drilled by C. W. Lauman & Co., Inc., September 16, 1956.

Log:	Thickness (feet)	Depth (feet)
Loam	4	4
Coarse brown sand, grit	50	54
Coarse brown sand, grit, gravel, lumps clay	10	64
Sandy clay, with streaks solid clay	11	75
Medium coarse brown sand, some clay	4	79
Fine gray sandy clay	11	90
Sandy clay, with streaks solid clay	18	108
Fine brown sand, some clay	3	111
Brown sandy clay, streaks solid clay	16	127
Fine brown sand, streaks clay	24	151
Brown sandy clay, streaks sand	16	167
Fine brown sand	35	202
Fine brown sand, some clay	5	207
Sandy clay, streaks brown clay	6	213
Fine brown sand, some clay	4	217
Fine brown sand	15	232
Fine gray sandy clay	9	241
Fine brown sand	15	256
Brown clay	11	267
Gray clay	26	293
Fine gray sandy clay, streaks solid clay	8	301
Fine gray sand	7	308
Fine brown sand, some clay, hardpan	4	312
Fine brown sand, some clay	11	323
Fine gray sandy clay	5	328
Fine brown sand	26	354
Fine multi-colored sandy clay	4	358
Fine brown sand	12	370
Fine brown sand, some clay	4	374
Fine brown sand	11	385
Fine gray sand, some clay	4	389
Fine brown sand	5	394
Medium coarse red sand	6	400
Medium coarse brown sand	4	404
Fine brown sand	11	415
Layers fine brown sand, solid and sandy clay	6	421
Solid brown clay	8	429

Casing: 12 inches.

Screen: 35 feet of 12 inch with bottom at 206 feet.

10 feet of 12 inch with bottom at 229 feet.

15 feet of 12 inch with bottom at 257 feet.

Pumping test:
 June 22, 1956. Duration: 8 hours
 Static water level: 130 feet
 Drawdown: 24 feet
 Yield: 1060 gpm

N-5681. (D-7) Seamen & Eiseman, Inc., north of Carle Street and east of Broadway, Hicksville. Drilled by Eastern Well & Pump Co., March 2, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	8	8
Clean light brown sand, grit and gravel	76	84
Clean sharp medium to coarse light brown sand, lots of small grits	9	93
Fine brown sand, medium sharp, lots of grits, some gravel	2	95

Casing: 6 inches.
Screen: 5 feet of 4 inch with bottom at 96 feet.

Pumping test:
March 2, 1956. Duration: 2 hours
Static water level: 62 feet
Yield: 45 gpm

N-5685. (C-6) Covell Associates Co., south of Jericho Turnpike and west of Mineola Boulevard, Mineola. Drilled by Eastern Well & Pump Co., January 14, 1956.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	59	59

Casing: 6 inches.
Screen: 10 feet of 6 inch with bottom at 59 feet.

Pumping test:
January 14, 1956. Duration: 2 hours
Static water level: 25 feet
Drawdown: 6 feet
Yield: 70 gpm

N-5686. (E-6) City of Glen Cove, north of Morris Avenue and west of Park Place, Glen Cove. Drilled by Mathies Well & Pump Co., Inc., October 27, 1956.

Log:	Thickness (feet)	Depth (feet)
Pit	6	6
Sandy gray clay	9	15
Coarse sand, gravel, gray clay	22	37
Brown clay, little sand	13	50
Gray clay	10	60
Coarse sand, grits, gravel, brown and gray clay	15	75
Coarse sand, brown clay	7	82
Brown clay	1	83
Coarse sand and gravel	11	94

Casing: 6 inches.
Screen: 9 feet of 4 inch with bottom at 92½ feet.

Pumping test:
May 9, 1956. Duration: 8 hours
Static water level: 11 feet
Drawdown: 16 feet
Yield: 45 gpm

N-5695. (B-6) Village of Freeport, north of Sunrise Highway and west of Bayview Avenue, Freeport. Drilled by Layne-New York Co., Inc., June 28, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Sand, gravel	56	58
Yellow clay	7	63
Sand, gravel	15	78
Gray clay	6	84
Sandy clay, wood, pyrites	46	130
Sand, clay, lignite, pyrites	80	210
Clay	8	218
Muddy sand, lignite, sandstone	17	235
Clay, sand, lignite	4	239
Sandy clay, lignite	6	245
Sand, lignite	10	255
Fine muddy sand	30	285
Sand, clay, lignite	12	297
Clay	11	308
Fine sand, lignite	28	336
Muddy sand, lignite	7	343
Fine sand, lignite	35	378
Hard clay	1	379
Muddy sand, lignite, clay	16	395
Sand	19	414
Muddy sand, clay, lignite	6	420
Clay	3	423
Muddy sand, lignite, small streaks clay	15	438
Clay, sand, lignite	5	443
Fine sand	17	460
Medium sand, lignite	10	470
Clay	1	471
Fine sand, lignite	16	487
Clay streaks, sand	24	511
Fine sand, lignite	21	532
Sandy clay	22	554

Casing: 18 inches.

Screen: 60 feet of 12 inch with bottom at 526 feet.

Pumping test:

March 7, 1956.	Duration:	8 hours
	Static water level:	14 feet
	Drawdown:	40 feet
	Yield:	1421 gpm

N-5696. (B-7) Village of Freeport, south of Northeast Water Shed and east of Lakeview Avenue, Freeport. Drilled by Layne-New York Co., Inc., October 24, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Brown coarse sand and gravel	43	45
Brown sand and clay	10	55
Yellow sand, clay streaks	35	90
Yellow sandy clay	39	129
Tough black clay and wood	11	140
Gray sandy clay	57	197
Medium gray sand, wood	45	242

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N-5696. (Continued)

	Thickness (feet)	Depth (feet)
Tough black clay	47	289
Muddy sand	11	300
Hard-packed sand	50	350
Packed muddy gray sand	35	385
Sandy clay	21	406
Gray sand and clay streaks	36	442
Tough clay	3	445
Sandy clay	15	460
Fine gray sand	10	470
Coarse sand, wood, pyrites, streaks of clay	51	521
Tough clay	7	528
Clay, sandy clay and wood	27	555
Gray sand, clay	10	565

Casing: 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 518 feet.

Pumping test:

April 16, 1956.	Duration:	8 hours
	Static water level:	5 feet
	Drawdown:	35 feet
	Yield:	1404 gpm

N-5700. (C-6) The Garden City Co. (Gristedes), south of 7th Street and west of Franklin Avenue, Garden City. Drilled by Mathies Well & Pump Co., Inc., January 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	50	50
Medium fine sand and gravel	9	59

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 59 feet.

Pumping test:

January 20, 1956.	Duration:	2 hours
	Static water level:	20½ feet
	Drawdown:	4 feet
	Yield:	100 gpm

N-5703. (C-8) Massapequa Water District, north of Maryland Avenue and east of Ocean Avenue, Massapequa. Drilled by C. W. Lauman & Co., Inc., August 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and gravel	50	50
Coarse brown sand and some grit	24	74
Solid gray clay	6	80
Streaks of gray clay, heavy gravel, shells	5	85
Solid gray clay, pyrite and lignite	10	95
Solid gray clay and pyrite	12	107
Fine gray sand, sandy clay, pyrite and lignite	16	123
Fine to coarse gray sand, some clay	5	128
Fine gray sand, mica and lignite	5	133
Coarse gray sand, streaks of solid gray clay and lignite	8	141
Coarse gray sand and lignite	6	147
Solid gray clay	7	154
Fine gray sand, streaks of solid gray clay and lignite	20	174
Fine gray sand, streaks of clay, grit and mica	8	182

N-5703. (Continued)

	Thickness (feet)	Depth (feet)
Solid gray clay and lignite	10	192
Solid gray clay and pyrite	11	203
Fine gray sand, lumps clay, lignite, mica and some grit	20	223
Fine gray sand, layers of sandy clay	5	228
Solid gray clay	3	231
Fine gray sand, some clay	1	232
Solid and sandy clay	3	235
Fine gray sand and sandy clay	5	240
Solid and sandy clay	3	243
Fine gray sand, some clay and lignite	9	252
Sandy gray clay and streaks of fine gray sand	12	264
Fine gray sand, lignite and some clay	10	274
Fine gray sand, lignite, some clay and mica	30	304
Streaks of sandy clay and solid clay	12	316
Fine gray sand, lignite and lump of clay, mica	36	352
Solid gray clay	15	367
Layers of gray sand and sandy clay	24	391
Fine gray sand and pieces of clay and mica	10	401
Fine gray sand and lignite	10	411
Fine gray sand, lignite and mica	40	451
Fine gray sand, lignite, pyrite and mica	8	459

Casing: 18 inches.

Screen: 30 feet of 12 inch with bottom at 414 feet.

30 feet of 12 inch with bottom at 459 feet.

Pumping test:

April 2, 1956. Duration: 7½ hours
 Static water level: 8½ feet
 Drawdown: 48 feet
 Yield: 1404 gpm

N-5705. (D-8) Town of Oyster Bay, south of Yoakum Road and east of Claremont Street, Old Bethpage. Drilled by Mathies Well & Pump Co., Inc., December 19, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown sandy clay and gravel	20	20
Brown sand and gravel	10	30
Brown sand and gravel	15	45
Gray sandy clay	20	65
Brown sandy clay.....	15	80
Brown and gray clay mixed	30	110
Brown sandy clay	20	130
Fine brown sandy clay	45	175
Coarse white sand	8	183
Brown sandy clay	38	221
Dirty red sandy clay	9	230
Brown and gray clay, mixed	20	250
Gray clay and sand, mixed	35	285
White and gray clay	10	295
Hard brown clay and sand, mixed	35	330
Sand and brown clay, mixed	57	387
Coarse brown dirty sand	6	393
Gray and brown clay, mixed	3	396
Fine brown muddy sand	20	416
Brown sand and white clay, mixed	17	433
Fine brown muddy sand	20	453

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N-5705. (Continued)

	Thickness (feet)	Depth (feet)
Layer brown hardpan	2	455
Fine brown dirty sand	34	489
Fine yellow sand and small grits	3	492
Hard gray clay	11	503
Orange colored sand and white clay, mixed	10	513

Casing: 12 inches.

Screen: 42 feet of 12 inch with bottom at 492 feet.

Pumping test:

August 24, 1956.	Duration:	1 hour
	Static water level:	85 feet
	Drawdown:	95 feet
	Yield:	850 gpm

N-5708. (D-6) Helena Rubenstein, Inc., south of North Hempstead Turnpike and west of Guinea Woods Road, East Hills. Drilled by C. W. Lauman & Co., Inc., August 23, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil, loam, large stones	8	8
Fine to coarse brown sand, mica, large stones and boulders	20	28
Fine to coarse brown sand, grits, gravel and large stones	60	88
Fine to coarse brown sand, grits and gravel	35	123
Fine brown sand and gravel (hard drilling)	5	128
Fine brown sand, mica, lumps of clay	10	138
Fine brown sand, mica, lumps of clay, grits	6	144
Solid brown clay	4	148
Fine to coarse brown sand, mica and grits	10	158
Fine to coarse brown sand, grits, gravel and boulders	17	175
Fine to medium brown sand, grits	15	190
Fine to coarse brown sand, grits	24	214
Fine to coarse brown sand, grits and gravel	22	236
Coarse red sand and grits	5	241
Fine to coarse red sand and grits	2	243
Fine to coarse brown sand, grits, gravel and boulders	3	246

Casing: 8 inches.

Screen: 31 feet of 8 inch with bottom at 242 feet.

Pumping test:

August 23, 1956.	Duration:	8 hours
	Static water level:	148 feet
	Drawdown:	10 feet
	Yield:	275 gpm

Note: Water temperature 53° Fahrenheit.

N-5709. (B-6) L. Sarant, south of Meister Boulevard and east of Sterling Avenue, Baldwin Bay. Drilled by C. W. Lauman & Co., Inc., July 11, 1956.

Log:	Thickness (feet)	Depth (feet)
Black muck	10	10
Fine sand and muck	5	15
Sand and gravel	5	20
Coarse brown sand and gravel	10	30
Fine gray sand	8	38
Fine gray sand, mixed with pieces of gray clay	2	40
Soft black clay	5	45

N-5709. (Continued)

	Thickness (feet)	Depth (feet)
Coarse sand and gravel	5	50
Soft gray clay	15	65
Fine muddy sand	5	70
Fine gray sand	20	90
Fine and coarse clean sand	5	95
Gray fine sand, little dirty	5	100

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 100 feet.

Pumping test:

July 11, 1956. Duration:	2 hours
Static water level:	flows
Drawdown:	80 feet
Yield:	44 gpm

N-5710. (D-5) Manhasset-Lakeville Water District, south of Horace Harding Expressway and Community Drive, Manhasset. Drilled by Layne-New York Co., Inc., January 11, 1957.

Log:	Thickness (feet)	Depth (feet)
Hardpan, boulders	10	10
Sand, gravel, boulders	17	27
Clay, boulders	1	28
Sand, gravel, boulders	8	36
Sand, clay, boulders	4	40
Sand, gravel, boulders	11	51
Brown sand, gravel, boulders	8	59
Gray sand, gravel, boulders	13	72
Red clay	1	73
Hardpan, boulders	5	78
Sand, gravel, boulders	7	85
Sand, gravel	18	103
Hard packed sand, gravel, clay	17	120
Blue clay	86	206
Streaks sand, blue clay	9	215
Blue clay, lignite	9	224
Streaks sand, blue clay	42	266
Orange clay	2	268
Blue clay, streaks sand	17	285
Orange clay	2	287
Muddy sand, orange clay	5	292
Sand, gravel, red-white clay	14	306
Red clay	2	308
Streaks sand, orange clay	14	322
Orange clay	1	323
Sand, gravel	10	333
Orange clay	1	334
Sand	5	339
Orange clay, iron oxide	1	340
Sand	2	342
White clay	1	343
Sand, gravel	31	374
Red-orange clay	3	377
Sand, gravel	11	388
Muddy sand, gravel	3	391
Sand, gravel, clay	5	396

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N-5710. (Continued)

Casing: 20 inches.

Screen: 60 feet of 12 inch with bottom at 384 feet.

Pumping test:

January 11, 1957. Duration: 8 hours
 Static water level: 114 feet
 Drawdown: 96 feet
 Yield: 1400 gpm

N-5725. (C-6) Newsday, Inc., south of Stewart Avenue and east of Clinton Road, Garden City. Drilled by Eastern Well & Pump Co., March 2, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	8	8
Coarse brown sand and gravel	48	56
Fine to medium sand		below 56

Casing: 10 inches.

Screen: 10 feet of 8 inch with bottom at 56 feet.

Pumping test:

March 2, 1956. Duration: 3 hours
 Static water level: 15½ feet
 Drawdown: 12½ feet
 Yield: 250 gpm

N-5743. (D-4) Robert Zwerling, south of Soundview Lane and west of Kings Point Road, Kings Point. Drilled by Eastern Well & Pump Co., June 4, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Dark brown sandy clay, large stones and rocks	8	12
Brown sandy clay	8	20
Fairly clean sand, grit and gravel	3	23
Gray-brown medium coarse sand, grit, gravel, large stones	7	30
Gray-brown fine sand, grit, gravel and mica	3	33
Fine to medium brown sand, grit, gravel	4	37
Medium to coarse brown sand, sharp and clean, grit and gravel	15	52

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 52 feet.

Pumping test:

June 4, 1956. Duration: 3 hours
 Static water level: 30 feet
 Drawdown: 5 feet
 Yield: 45 gpm

N-5746. (C-7) Meadowbrook Bank, south of Hempstead Turnpike and west of Prospect Avenue, East Meadow. Drilled by Mathies Well & Pump Co., Inc., May 7, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	53	53

Casing: 4 inches.

Screen: 5½ feet of 4 inch with bottom at 53 feet.

N-5746. (Continued)

Pumping test:
May 7, 1956. Duration: 2 hours
Static water level: 21 feet
Yield: 45 gpm

N-5749. (C-7) Irving Newman, south of Meadowbrook Road and west of Merrick Avenue, East Meadow. Drilled by Eastern Well & Pump Co., April 13, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Light brown sand, grits and gravel	32	36
Fine to medium yellowish-brown sand, few grits	8	44
Coarse to medium light brown sand, lots of grits and gravel	12	56

Casing: 6 inches.
Screen: 9 feet of 4 inch with bottom at 56 feet.

Pumping test:
April 13, 1956. Duration: 3 hours
Static water level: 15 feet
Drawdown: 6 $\frac{1}{4}$ feet
Yield: 75 gpm

N-5750. (C-8) The Franklin National Bank, north of Conklin Street and west of Main Street, Farmingdale. Drilled by Eastern Well & Pump Co., April 30, 1956.

Log:	Thickness (feet)	Depth (feet)
Light brown coarse to medium sand, grits and gravel	6	6
Light brown medium to fine sand	27	33

Casing: 6 inches.
Screen: 5 feet of 4 inch with bottom at 32 feet.

Pumping test:
April 3, 1956. Duration: 3 hours
Static water level: 4 $\frac{1}{2}$ feet
Drawdown: 6 $\frac{1}{2}$ feet
Yield: 60 gpm

N-5755. (B-5) Mr. Rosoff, southwest of Central and Lord Avenues, Lawrence. Drilled by Eastern Well & Pump Co., March 16, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Yellow-brown sand, grit and gravel	6	8
Yellow-brown sand, grit and gravel, large stones	1	9
Light brown clean sand, grit and gravel	5	14
Hard-packed gray sand	6	20
Heavy formation grit, gravel and stones	6	26
Light brown sand, grit, gravel	12	38

Casing: 4 inches.
Screen: 4 feet of 4 inch with bottom at 37 feet.

Pumping test:
April 12, 1956. Duration: 2 hours
Static water level: 17 feet
Yield: 15 gpm

N-5757. (D-5) Fireproof Realty Corporation, east of Cutter Mill Road and north of Ipswich Avenue, Great Neck. Drilled by Mathies Well & Pump Co., Inc., April 9, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	12	12
Hardpan	10	22
Brown sandy clay and small gravel	46	68
Fine brown sand and small gravel	15	83
Coarse brown sand and grits	12	95

Casing: 6 inches.

Screen: 12 feet of 6 inch with bottom at 95 feet.

Pumping test:

April 9, 1956.	Duration:	2 hours
	Static water level:	54 feet
	Drawdown:	10 feet
	Yield:	100 gpm

N-5758. (C-6) Bartender's Local #165, east of Greenwich Street and north of Elmwood Avenue, Hempstead. Drilled by Mathies Well & Pump Co., Inc., July 19, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	30	30
Medium fine sand and grits	16	46

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 46 feet.

Pumping test:

June 25, 1956.	Duration:	2 hours
	Static water level:	14 feet
	Drawdown:	4 feet
	Yield:	30 gpm

N-5762. (E-6) New York Water Service Corporation, Roxbury Pumping Station, westerly end of Nancy Court, Glen Cove. Drilled by C. W. Lauman & Co., Inc., July 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Fine to coarse sand, grits, gravel and large stones	20	20
Fine brown sand, mica, lignite and some gravel	5	25
Brown sticky and sandy clay	4	29
Boulders and large stones imbedded in brown sticky clay	10	39
Fine to medium brown sand, grit, gravel and boulders	30	69
Fine to coarse gray sand, grit, gravel and boulders	27	96
Fine to coarse brown sand, grit and gravel	6	102
Heavy gray sandy clay	3	105
Very fine gray sand (hard drilling)	5	110
Fine to coarse brown sand and grits	17	127
Solid and sandy brown clay	10	137
Layers of sandy clay, fine to medium brown sand, grits and gravel	9	146
Fine brown sand, mica and layers hardpan	5	151
Fine to coarse brown sand, grit, gravel, hardpan and some clay	9	160
Solid and sandy multi-colored clay	10	170
Solid gray clay	1	171
Fine gray sand, layers of sandy clay	4	175
Fine gray sand, grit, multi-colored sandy clay	6	181

N-5762. (Continued)

	Thickness (feet)	Depth (feet)
Fine to coarse brown sand, grit	7	188
Fine brown sand and some clay	5	193
Fine to coarse gray sand and grit	17	210
Solid multi-colored clay	5	215
Fine gray sand, streaks sandy clay	3	218
Coarse brown sand, grits and gravel	10	228
Coarse brown sand, grits, gravel and some clay	10	238
Fine to coarse brown sand, grits and gravel	16	254
Fine to coarse sand, heavy gravel and lumps clay	16	270
Medium coarse gray sand and some grits	3	273
Fine to coarse sand, heavy gravel and layers solid clay	7	280
Solid white clay	7	287

Casing: 18 inches.

Screen: 59 feet of 18 inch with bottom at 280 feet.

Pumping test:

July 5, 1956.	Duration:	2 hours
	Static water level:	81 feet
	Drawdown:	31 feet
	Yield:	1893 gpm

N-5765. (C-6) M. Di Girolamo, Pine Street, Garden City. Drilled by S. J. Breen Co., Inc., April 6, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	37	37

Casing: 4 inches.

Screen: 5 feet of 3½ inch with bottom at 37 feet.

Pumping test:

April 6, 1956.	Duration:	4 hours
	Static water level:	11 feet
	Drawdown:	5 feet
	Yield:	30 gpm

N-5767. (B-8) New York Water Service Corporation, north of De Mott Avenue and west of Seaman Neck Road, Wantagh. Drilled by C. W. Lauman & Co., Inc., April 30, 1956.

Log:	Thickness (feet)	Depth (feet)
Loam	3	3
Coarse brown sand, grits, gravel	41	44
Fine brown sand, grits, gravel	10	54
Fine brown sand, mica, gravel	5	59
Fine brown sand, mica	8	67
Solid gray clay	40	107
Fine gray sand, sandy clay, pyrite	19	126
Solid gray clay	7	133
Fine gray sand, streaks clay	20	153
Fine gray sand, mica	4	157
Sandy gray clay	8	165
Solid dark gray clay	7	172
Fine gray sand, some clay, mica	35	207
Gray sandy clay, lignite	23	230
Fine gray sand, lignite, some clay	25	255

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N-5767. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, lignite	37	292
Solid gray sandy clay, lignite, pyrite	3	295
Fine gray sand, bits of clay	4	299
Sandy gray clay, lignite	4	303
Fine gray sand, streaks clay	15	318
Fine gray sand, lignite, pyrite	2	320
Solid gray clay, pyrite	13	333
Fine gray sand, streaks clay	2	335
Very fine gray sand	46	381

Casing: 16 and 12 inches.

Screen: 10 feet of 12 inch with bottom at 315 feet.

50 feet of 12 inch with bottom at 384 feet.

Pumping test:

April 27, 1956.	Duration:	8 hours
	Static water level:	16 feet
	Drawdown:	40 feet
	Yield:	1421 gpm

N-5768. (B-6) Shelbourne Grand Hotel, north of Lido Boulevard and east of Allevard Street, Lido Beach. Drilled by C. W. Lauman & Co., Inc., April 5, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Bog	1	6
Fine gray sand, lumps of clay	68	74
Green clay	56	130
Fine gray sand, grits	5	135
Fine gray sand, some clay, grits	11	146
Gray sand, some clay, streaks of lignite	16	162
Fine gray sand	85	247
Fine gray sand, streaks of lignite and clay	15	262
Clay	17	279
Layers of fine gray sand, sandy clay and lignite	23	302
Fine gray sand, streaks of pyrite	29	331
Fine gray sand, streaks of pyrite and lignite	28	359
Layers of fine gray sand, clay and pyrite	8	367
Black clay	9	376
Layers of fine gray sand, sandy clay, lignite and pyrite	31	407
Layers of fine gray sand, sandy clay and clay	25	432
Fine gray sandy clay, lignite and pyrite	16	448
Fine gray sand	82	530

Casing: 12 inches.

Screen: 21 feet of 6 inch with bottom at 466 feet.

22 feet of 6 inch with bottom at 530 feet.

Pumping test:

June 14, 1957.	Duration:	4 hours
	Static water level:	1 foot
	Drawdown:	43 feet
	Yield:	550 gpm

N-5776. (C-7) R. R. McGregor, south of North Bellmore Road and east of Hempstead Turnpike, Levittown. Drilled by Ted Kalmuk, April 13, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	49	49

N-5776. (Continued)

Casing: 4 inches.

Screen: 6 feet of $3\frac{3}{4}$ inch with bottom at 49 feet.

Pumping test:

April 12, 1956. Duration: 4 hours
 Static water level: 20 feet
 Yield: 52 gpm

N-5792. (E-6) Sea Cliff Water Co., north of Roslyn Drive and east of Long Island Railroad, Glen Head. Drilled by Layne-New York Co., Inc., November 7, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown clay	4	4
Brown sand and gravel	35	39
Brown sandy clay and hard streaks	31	70
Hard brown sand	48	118
Soft gray clay	20	138
Hard packed brown sand	36	174
Brown clay	2	176
Hard brown sand	4	180
Brown clay	12	192
Sand and gravel, streaks of white clay	49	241
White clay	4	245
Sand and gravel	53	298
Clay	3	301
Sand and gravel, clay streaks	10	311
Sand and gravel and clay streaks	22	333
Tough clay	11	344
Sand and gravel, clay streaks	17	361

Casing: 24, 20 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 295 feet.

Pumping test:

November 7, 1956. Duration: 8 hours
 Static water level: 84 feet
 Drawdown: 6 feet
 Yield: 1050 gpm

N-5797. (B-5) Samuel Jacobs, north of Willow Road and east of Keen Lane, Woodsbrough. Drilled by Eastern Well & Pump Co., April 18, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	6	6
Yellow-brown sand, grit and gravel	4	10
Fine dirty gray sand	1	11
Light brown sand, fine and dirty	9	20
Yellow-brown sand, heavy gravel, stones and grit	14	34

Casing: 4 inches.

Screen: 4 feet of 4 inch with bottom at 30 feet.

Pumping test:

May 28, 1956. Duration: 2 hours
 Static water level: 11 feet
 Drawdown: 3 feet
 Yield: 45 gpm

N-5803. (C-8) New York City, Department of Water Supply, Gas & Electricity, Massapequa Pumping Station, Massapequa. Drilled by owner, March 28, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Coarse brown sand and gravel	43	45
Muddy gray sand	5	50
Gray clay	10	60
Sandy gray clay	15	75
Medium gray sand	5	80
Fine gray sand and clay	16	96
Gray clay	1	97
Fine gray muddy sand	7	104
Medium gray water sand	22	126
Casing: 8 inches.		
Screen: 10¾ feet of 8 inch with bottom at 136 feet.		
Pumping test:		
March 26, 1956. Duration:		1 hour
Static water level:		3 feet

N-5848. (C-8) New York Water Service Corp., Massapequa. Drilled by C. W. Lauman & Co., Inc., June 29, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel.....	60	60
Fine to coarse brown sand and grit	8	68
Fine brown sand	10	78
Fine gray sand, gravel and lumps clay	6	84
Fine gray sand, mica and pyrite	10	94
Fine gray sand, mica, lignite, pyrite and sandy clay	27	121
Fine gray sand, mica and lignite	20	141
Fine gray sand, mica, lignite and pyrite	10	151
Fine gray sand, mica and lignite	30	181
Fine gray sand, mica, lignite and lumps clay	10	191
Fine to medium gray sand, mica, lignite, pyrite and some clay	17	208
Medium coarse gray sand, mica and lignite	20	228
Fine to medium gray sand, mica, lignite and lumps clay	4	232
Gray sandy clay	6	238
Fine gray sand, sandy clay and pyrite	7	245
Sandy clay, pyrite and lignite	1	246
Solid gray clay, lignite and pyrite	4	250
Fine gray sand, streaks solid clay, lignite and pyrite	1	251
Solid gray clay and layers sandy clay	4	255
Fine gray sand, mica, layers sandy clay and lignite	26	281
Fine to medium coarse gray sand, lignite and pyrite	10	291
Fine gray sand, mica, lignite, pyrite and pieces of clay	45	337
Fine gray sand and mica	7	344
Casing: 16 and 12 inches.		
Screen: 26 feet of 12 inch with bottom at 230 feet.		
15 feet of 12 inch with bottom at 285 feet.		
30 feet of 12 inch with bottom at 335 feet.		
Pumping test:		
June 6, 1956. Duration:		7 hours
Static water level:		12 feet
Drawdown:		33 feet
Yield:		1739 gpm

N-5852. (D-6) Roslyn Water District, east of Sycamore Drive, Roslyn. Drilled by Layne-New York Co., Inc., June 6, 1957.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	95	95
Hard streaks gravel and sand	90	185
Sand, streaks yellow red clay	30	215
Sand, gravel and red clay	45	260
Sand, red yellow and gray clay	26	286
Hard clay	3	289
Hard packed sand and clay streaks	80	369
Hard packed sand and clay streaks	31	400
White clay	4	404
Sandy white clay	15	419
Sand and red clay	10	429
White clay	6	435
Coarse gray sand, some clay	25	460
Sand and gravel	10	470
Sand and gravel	12	482
Clay	4	486
Sand and clay	14	500
Hard streaks clay	20	520

Casing: 24, 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 482 feet.

Pumping test:

June 6, 1957. Duration: 4 hours
 Static water level: 175 feet
 Drawdown: 63 feet
 Yield: 1250 gpm

N-5853. (B-6) The Franklin National Bank, south of Sunrise Highway and west of Morris Avenue, Rockville Centre. Drilled by Eastern Well & Pump Co., June 6, 1956.

Log:	Thickness (feet)	Depth (feet)
Medium to coarse brown sand, grits and gravel	42	42

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 42 feet.

Pumping test:

June 11, 1956. Duration: 2 hours
 Static water level: 2 feet
 Drawdown: 13 feet
 Yield: 90 gpm

Note: Measurements from cellar floor 10 feet below grade.

N-5876. (D-5) Port Washington Water District, north of Chestnut Road and west of Port Washington Boulevard, Port Washington. Drilled by Layne-New York Co., Inc., June 10, 1957.

Log:	Thickness (feet)	Depth (feet)
Fill	15	15
Brown sand, gravel	8	23
White sand, gravel, clay	5	28

(Continued on next page)

N-5876. (Continued)

	Thickness (feet)	Depth (feet)
Various color clay	19	47
Muddy fine sand	13	60
Clay, sand, large gravel	24	84
Fine white sand	2	86
White yellow clay, iron oxide	8	94
Blue clay	10	104
Fine gray sand	11	115
Sandy clay, various colors	16	131
Fine sand, some clay	4	135
Gray clay	7	142
Red white clay	6	148
White brown clay	10	158
Fine gray sand	21	179
Sand, gravel	8	187
Sand, gravel, clay	11	198
Clay	3	201
Sand, coarse gravel	17	218
Clay, streaks sand	7	225
Fine gray sand, some clay	14	239
Sandy clay	10	249
Fine muddy sand	6	255
Sandy clay	5	260
Fine muddy sand	8	268
Blue-black clay	27	295

Casing: 30, 20 and 12 inches.

Screen: 70 feet of 12 inch with bottom at 238 feet.

Pumping test:

June 10, 1957.	Duration:	6 hours
	Static water level:	58 feet
	Drawdown:	49 feet
	Yield:	560 gpm

N-5883. (D-6) Helena Rubenstein, Inc., south of North Hempstead Turnpike and west of Guinea Woods, East Hills. Drilled by C. W. Lauman & Co., Inc., May 23, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil	2	2
Coarse brown sand, grits and gravel	70	72
Same as above, with lumps clay	87	159
Coarse brown sand, grits, hardpan, little clay	8	167
Brown sand, grits, gravel	5	172
Same as above, with hardpan	5	177
Fine brown sand and sandy clay	5	182
Fine brown sand, streaks sandy clay	7	189
Fine brown sand, fine sandy clay	13	202
Multi-colored sand, streaks solid clay	5	207
Multi-colored sand and sandy clay	4	211
Brown sand, gravel, grits, some clay	4	215
Fine multi-colored sand, some clay and sandy clay	5	220
Multi-colored sand, streaks sandy clay	3	223
Multi-colored sand, sandy clay and solid clay	3	226

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 215 feet.

Static water level: 155 feet

Note: This well is used as an observation well.

N-5884. (D-5) Citizens Water Supply Company of Newtown, south of Ravine Road and west of East Shore Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., February 8, 1957.

Log:	Thickness (feet)	Depth (feet)
Top soil, loam and boulders	3	3
Fine to coarse brown sand, grits and gravel	15	18
Coarse brown sand, grits, heavy gravel	30	48
Layers brown sand and sandy clay	9	57
Fine to coarse brown sand, grits, gravel, layers clay	8	65
Solid gray clay	5	70
Multi-colored clay, sandy clay, hardpan	12	82
Fine gray sand, mica, layers clay, hardpan	8	90
Fine to medium coarse brown sand, grits	17	107
Sandy gray clay, layers very fine sand	11	118
Fine gray sand, grits, sandy and solid clay	5	123
Fine gray sand, some clay, mica	6	129
Fine to coarse brown sand, grits, some clay	4	133
Fine brown sand, mica	5	138
Fine to coarse brown sand, grits, gravel, some clay	3	141
Multi-colored sandy clay, grits, gravel	2	143
Coarse brown sand, grits, gravel, some clay	10	153
Coarse brown sand, grits, gravel, sandy clay	9	162
Fine to coarse brown sand, grits, gravel, multi-colored clay	1	163
Solid multi-colored clay	1	164
Heavy stones imbedded in clay	2	166

Casing: 18 inches.

Screen: 15 feet of 18 inch with bottom at 107 feet.

26 feet of 18 inch with bottom at 143 feet.

20 feet of 18 inch with bottom at 163 feet.

Pumping test:

July 28, 1956.	Duration:	2	hours
	Static water level:	501½	feet
	Drawdown:	33	feet
	Yield:	1200	gpm

N-5885. (B-5) O. H. Payne, northwest of Ocean Avenue and Longwood Crossing, Lawrence. Drilled by Eastern Well & Pump Co., June 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and dirty sand and gravel	4	4
Fine brown sand, dirty grits and gravel	4	8
Fine to medium gray-brown sand	20	28
Hard brown clay	1	29
Red-brown sand, mostly grit and gravel	3	32
Brown medium to coarse sand, fairly clean sand, grit and gravel	11	43
Light brown medium to coarse sand, lot of grit and gravel	3	46

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 46 feet.

Pumping test:

May 22, 1956.	Duration:	3	hours
	Static water level:	17	feet
	Drawdown:	5⅔	feet
	Yield:	45	gpm

N-5886. (B-7) J. Nasso, south of Sunrise Highway and east of Hewlett Avenue, Merrick. Drilled by Eastern Well & Pump Co., May 24, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill	3	3
Sand, gray clay	3	6
Red-brown sand with gravel	1	7
Clean sand, grit, gravel	1	8
Dark brown sand, grit and gravel, coarse and sharp	12	20
Clean light brown sand, grit and gravel	13	33
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 35 feet.		
Pumping test:		
May 24, 1956. Duration:		3 hours
Static water level:		8 feet
Drawdown:		5 feet
Yield:		40 gpm

N-5890. (C-8) Skat Realty Corporation, north of Hempstead Turnpike and west of Merritt Road, Farmingdale. Drilled by Eastern Well & Pump Co., July 24, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	10	10
Light brown sand and gravel	13	23
Fine brown dirty sand, few grits	26	49
Fine light brown dirty sand, mica	11	60
Fine brown soupy sand, some mica	30	90
Fine brown soupy sand, few grits	14	104
Light brown fairly clean, fine to medium sand	4	108
Gray soupy sand	7	115
Dark brown soupy sand	10	125
Light brown sharp fine to medium sand, lot grits	9	134
Fine multi-colored sand, layer hardpan and mica	2	136
Casing: 6 inches.		
Screen: 6 feet of 6 inch with bottom at 132 feet.		
Pumping test:		
July 24, 1956. Duration:		3 hours
Static water level:		24 feet
Drawdown:		15 feet
Yield:		120 gpm

N-5891. (C-6) Knott Hotels Corporation (Garden City Hotel) north of 7th Avenue and west of Hilton Avenue, Garden City. Drilled by Eastern Well and Pump Co., June 12, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	5	5
Light brown sand, grits and gravel	60	65
Light brown sand, grits and small gravel	21	86
Clayey sand	4	90
Casing: 8 inches.		
Screen: 15 feet of 6 inch, with bottom at 86 feet.		
Pumping test:		
June 12, 1956. Duration:		2 hours
Static water level:		36 feet
Drawdown:		14 feet
Yield:		200 gpm

N-5895. (D-5) George Goldberg, 18 Deer Park Road, Kings Point. Drilled by S. J. Breen Co., Inc., August 24, 1956.

Log:	Thickness (feet)	Depth (feet)
Clay and large stones	13	13
Coarse sand and gravel with clay	22	35
Soft brown clay	10	45
Hard gray clay with grit	12	57
Brown clay	38	95
Sandy clay and grit	11	106
Sandy gray clay	11	117
Gray clay and gravel	4	121
Sandy brown clay	3	124
Orange clay	2	126
Sand and gravel with clay	14	140

Casing: 6 inches.

Screen: 10 feet of 5½ inch with bottom at 140 feet.

Pumping test:

August 24, 1956.	Duration:	6 hours
	Static water level:	55 feet
	Drawdown:	55 feet
	Yield:	55 gpm

N-5897. (D-6) Sheridan Bowling Academy, south of Jericho Turnpike and east of Sheridan Boulevard, Mineola. Drilled by Eastern Well & Pump Co., June 4, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill	6	6
Coarse hard light brown sand, grits, gravel and heavy stones	49	55
Clean coarse light brown sand, lots of grits	13	68

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 68 feet.

Pumping test:

May 31, 1956.	Duration:	2 hours
	Static water level:	47 feet
	Drawdown:	5½ feet
	Yield:	45 gpm

N-5899. (D-7) Barclay Street Car Wash Inc., south of East Barclay Street and east of Hicksville Road, Hicksville. Drilled by T. Kalmuk, August 15, 1956.

Log:	Thickness (feet)	Depth (feet)
Pit	6	6
Coarse brown sand, heavy gravel	21	27
Coarse brown sand	24	51
Brown medium coarse sand and large gravel	40	91

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 91 feet.

Pumping test:

Duration:	3 hours
Static water level:	65 feet
Yield:	70 gpm

N-5900. (C-6) Hills Super Market, east of Woodfield Avenue and north of Eagle Avenue, Lakeview. Drilled by C. W. Lauman & Co., Inc., October 16, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Coarse brown sand	9	12
Coarse brown sand and gravel	22	34
Yellow-brown sand	5	39
Coarse dark brown sand and gravel	6	45
Fine brown sand	7	52
Coarse red sand, some gravel	8	60
Gray clay	2	62

Casing: 6 inches.

Screen: 12 feet of 6 inch with bottom at 60 feet.

Pumping test:

October 15, 1956.	Duration:	4 hours
	Static water level:	9 feet
	Drawdown:	4 feet
	Yield:	80 gpm

N-5901. (D-7) Certified Redi-Mix Co., Inc., north of Northern State Parkway and west of Miller Place, Jericho. Drilled by Mathies Well & Pump Co., Inc., June 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	3	3
Heavy sand and gravel	62	65
Sand and gravel	11	76
Yellow clay and sand	3	79
Solid yellow clay	10	89
Yellow clay and fine sand	2	91
Red sand	8	99
Coarse sand and grits	49	148

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 148 feet.

Static water level:	90 feet
Yield:	100 gpm

N-5906. (B-6) Polytechnic Institute of Brooklyn, south of Atlantic Avenue and west of West End Avenue, Freeport. Drilled by C. W. Lauman & Co., Inc., June 27, 1956.

Log:	Thickness (feet)	Depth (feet)
Black muck	4	4
Dirty coarse brown sand and gravel	15	19
Clean brown coarse sand, some gravel	6	25
Fine whitish-gray sand and small gravel	2	27
Very fine gray beach sand	11	38
Fine gray beach sand, lumps of clay	2	40
Fine gray sand, clay, some gravel	10	50
Coarse gray sand and clay	2	52
Fine dark gray beach sand	2	54
Fine gray beach sand	4	58
Fine whitish-gray beach sand	4	62
Fine gray beach sand, lumps of clay	3	65
Fine dark gray beach sand	7	72
Fine gray beach sand	3	75

N-5906. (Continued)

	Thickness (feet)	Depth (feet)
Fine dark gray beach sand	5	80
Coarse gray sand	4	84
Coarse sand with lignite	6	90
Very fine gray beach sand	10	100
Fine gray beach sand	8	108
Lignite and pyrite	2	110
Dark gray sand	1	111

Casing: 6 inches.

Screen: 13 feet of 6 inch, with bottom at 86 feet.

Pumping test:

June 25, 1956.	Duration:	8 hours
	Static water level:	2 feet
	Drawdown:	3 feet
	Yield:	30 gpm

N-5908. (E-8) J. Russell, north of Tiffany Road and west of Rose Lane, Laurel Hollow.
 Drilled by Fred Habenicht & Sons, January 2, 1957.

Log:	Thickness (feet)	Depth (feet)
Pit	8	8
Sand, gravel	51	59
Yellow sand and some mica	42	101
Yellow sand, gravel	29	130
Yellow clay and sand mix	10	140
Coarse yellow sand and pebbles	16	156

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 156 feet.

Pumping test:

December 1, 1956.	Duration:	6 hours
	Static water level:	142 feet
	Yield:	12 gpm

N-5912. (C-8) Demo Anselmi, south of Cherry Avenue and east of Broadway, Bethpage.
 Drilled by C. W. Lauman & Co., Inc., June 26, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	1	1
Loam	2	3
Coarse brown sand, gravel	31	34
Coarse brown sand, gravel, lumps clay	44	78
Medium brown sand, streaks sandy clay	9	87
Multi-colored sandy clay, streaks solid clay	4	91
Fine brown sand, mica	6	97
Fine brown sand, some clay, streaks sandy clay	21	118
Multi-colored sandy clay	5	123
Fine brown sand, mica, some clay	5	128
Multi-colored sandy clay, streaks fine brown sand, solid clay, hardpan	10	138
Fine brown sand, mica, some clay	7	145
Layers of fine multi-colored and sandy clay	5	150
Fine brown sand, mica, some clay, streaks solid clay	11	161
Fine brown sand, mica, some clay	18	179

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N-5912. (Continued)

	Thickness (feet)	Depth (feet)
Multi-colored sandy clay	3	182
Solid multi-colored clay, streaks sandy clay	6	188
Multi-colored sandy clay	10	198
Layers of fine multi-colored sand and sandy clay	6	204
Fine brown sand, mica, some clay	10	214
Fine brown sand, mica, some clay, streaks sandy clay	3	217
Solid gray clay	10	227
Gray sandy clay, lignite, streaks fine gray sand	5	232
Multi-colored sandy clay, streaks fine brown sand and solid clay	5	237
Fine brown sand, mica, some clay, streaks sandy clay	11	248
Fine brown sand, some clay, layers sandy clay, streaks solid clay	6	254
Solid gray clay, streaks sandy clay	4	258
Gray sandy clay, streaks solid clay	6	264
Fine gray sand, some clay, streaks solid clay	11	275
Solid gray clay, streaks fine gray sand	5	280
Fine brown sand, mica, some clay, streaks sandy clay	5	285
Fine brown sand, mica, some clay	16	301
Gray sandy clay, lignite, layers solid clay	4	305
Solid gray clay, streaks pyrite	5	310
Fine brown sand, some clay, streaks lignite	6	316
Solid gray clay	4	320
Fine brown sand, some clay	5	325
Fine brown sand, some clay, streaks lignite and sandy clay	10	335
Fine gray sand, streaks lignite and pyrite	6	341
Solid gray clay		below 341

Casing: 6 and 3 inches.

Screen: 20 feet of 4 inch with bottom at 341 feet.

Pumping test:

June 22, 1956.	Duration:	8 hours
	Static water level:	47 feet
	Drawdown:	4 feet
	Yield:	40 gpm

N-5919. (B-6) Oceanside Properties Inc., southeast of Long Beach Road and Castleton Court, Oceanside. Drilled by Mathies Well & Pump Co., Inc., August 14, 1956.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	51	51

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 51 feet.

Pumping test:

August 14, 1956.	Duration:	4 hours
	Static water level:	12 feet
	Drawdown:	15 feet
	Yield:	150 gpm

N-5920. (C-6) Sharac Restaurant Inc., north of Fulton Avenue and east of Cathedral Avenue, Hempstead. Drilled by Eastern Well & Pump Co., July 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Basement	8	8
Medium to coarse brown sand and gravel	30	38

N-5920. (Continued)	Thickness (feet)	Depth (feet)
Medium to coarse yellow-brown sand, few grits and gravel	28	66
Fine silty sand	4	70
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 65 feet.		
Pumping test:		
Duration:		3 hours
Static water level:		19 feet
Drawdown:		7 feet
Yield:		120 gpm

N-5929. (B-5) Department of Water Supply, Gas & Electricity, Sunrise Highway, Valley Stream. Drilled by Mathies Well & Pump Co., Inc., August 13, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Sandy clay	1	5
Bog	1	6
Medium sand and grits	2	8
Fine to medium sand and grits	29	37
Fine sand and grits	13	50
Fine to coarse sand and grits	4	54
Clam shells and gray clay	2	56
Brown clay	3	59
Sandy gray clay	11	70
Brown and gray clay	15	85
Fine sandy brown clay	7	92
Sandy brown clay	3	95
Medium brown sand and clay	4	99
Fine to coarse sand, brown clay, gravel, large stones	1	100
Coarse sand, large stones, little white clay balls	5	105
Coarse sand, gravel, white clay balls	3	108
Coarse brown sand	5	113
Coarse sand and gravel	3	116
Casing: 8 inches.		
Screen: 13 feet of 8 inch with bottom at 116 feet.		
Pumping test:		
Duration:		1 hour
Static water level:		7 feet
Drawdown:		14 feet
Yield:		216 gpm

N-5940. (D-5) David Gimpel, northeast of Sterling Road, Kings Point. Drilled by Sweeney & Gray Co., Inc., June 28, 1956.

Log:	Thickness (feet)	Depth (feet)
Sandy clay	18	18
Blue clay	17	35
Sharp brown sand	12	47
Brown sand, gravel	17	64
Coarse brown sand and grits	20	84
Casing: 6 inches.		
Screen: 16 feet of 6 inch with bottom at 80 feet.		
Pumping test:		
August 12, 1956. Duration:		4 hours
Static water level:		flows
Drawdown:		14 feet
Yield:		45 gpm

N-5946. (C-6) Nassau Recreation Realty Co., Inc., south of Mill Road and east of Alabama Avenue, Hempstead. Drilled by Eastern Well & Pump Co., July 6, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	8	8
Coarse brown sand, grits and gravel	22	30
Yellowish-brown coarse sand, some grits	19	49
Same as above, but darker color	4	53
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 52 feet.		
Pumping test:		
July 6, 1956. Duration:	2	hours
Static water level:	19	feet
Drawdown:	5½	feet
Yield:	86	gpm

N-5947. (D-6) Albertson Water District, north of Marci Lee Drive and east of Stephen Lane, Albertson. Drilled by Layne-New York Co., Inc., June 17, 1957.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel	11	11
Hardpan, boulders	21	32
Brown sand, gravel	17	49
Brown clay	3	52
Blue clay	38	90
Brown sandy clay	6	96
Fine white sand, gravel	14	110
Streaks sand, clay, iron oxide	9	119
Gray-brown sand	6	125
White sand	13	138
Sandy clay and iron oxide	2	140
White clay	11	151
Fine muddy sand	3	154
Fine sand	10	164
Coarse sand	13	177
Multi-colored clay	6	183
Fine white sand	7	190
Coarse sand and gravel	4	194
Fine brown sand	17	211
Fine white sand	5	216
Blue clay	10	226
Coarse brown sand	6	232
Streaks white and fine sand	15	247
Coarse brown sand	5	252
Sandy clay	1	253
Gray medium sand	11	264
Streaks clay and gravel	5	269
Medium sand	7	276
Gray and brown clay	5	281
Fine white sand	18	299
Multi-colored clay	2	301
Gray sand	18	319
Sand and clay	10	329
Gray sand and gravel	5	334
Sand, gravel, clay, iron	5	339
Sandy clay	3	342
Gray sand	7	355
Sand and gravel (red)	4	359

N-5947. (Continued)

	Thickness (feet)	Depth (feet)
Multi-colored clay	1	360
Sand and gravel	9	369
Multi-colored clay	7	376
Blue clay	4	380
White sand and gravel showing of clay	17	397
White clay	3	400
Medium sand and large gravel	11	411
Multi-colored clay	32	443
Fine muddy sand, iron oxide	4	447
Multi-colored clay	2	449
Blue clay	5	454

Casing: 30, 18 and 12 inches.

Screen: 60 feet of 12 inch with bottom at 365 feet.

Pumping test:

June 17, 1957.	Duration:	8 hours
	Static water level:	53 feet
	Drawdown:	35 feet
	Yield:	1200 gpm

N-5960. (B-5) Patio Restaurant, south of Sunrise Highway and east of Hook Creek Boulevard, Valley Stream. Drilled by Eastern Well & Pump Co., August 2, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	4	4
Sandy green-gray clay	2	6
Fine brown sand	2	8
Coarse brown sand	8	16
Coarse brown sand, small grits	4	20
Clean light brown sand, some grits	16	36

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 36 feet.

Pumping test:

August 2, 1956.	Duration:	3 hours
	Static water level:	9 feet
	Drawdown:	6 feet
	Yield:	45 gpm

N-5973. (C-8) Union Free School District No. 23, north of New York Avenue and west of Central Avenue, Massapequa. Drilled by Mathies Well & Pump Co., Inc., July 17, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	1	1
Coarse sand and gravel	47	48

Casing: 4 inches.

Screen: 9 feet of 3¾ inch with bottom at 48 feet.

Pumping test:

July 17, 1956.	Duration:	2 hours
	Static water level:	8 feet
	Drawdown:	6 feet
	Yield:	80 gpm

N-5989. (C-6) King Kullen Store, south of Village Avenue and east of Grand Avenue, Baldwin. Drilled by C. W. Lauman & Co., Inc., January 4, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel	23	23
Medium fine brown sand	3	26
Coarse brown sand and gravel	5	31
Medium fine brown sand	5	36
Coarse brown sand and gravel	11	47
Medium coarse sand, some stones	6	53
Fine-coarse sand	5	58
Brown fine to coarse sand, grits, some gravel	8	66
Fine-coarse sand, somewhat clayey	2	68
Gray sandy clay	17	85
Gray sand, some clay	13	98
Fine sand and gravel, clayey	13	111
Fine to coarse sand	4	115
Layers clay, light sand	30	145

Casing: 8 inches.

Screen: 15 feet of 6 inch with bottom at 115 feet.

Static water level: 10 feet
Yield: 69 gpm

N-5994. (E-6) Community Hospital of Glen Cove, north of Walnut Road and east of Dosoris Way, Glen Cove. Drilled by C. W. Lauman & Co., Inc., January 30, 1957.

Log:	Thickness (feet)	Depth (feet)
Loam and gravel	5	5
Coarse sand and gravel	10	15
Coarse sand, gravel, small niggerheads	10	25
Coarse sand, small boulders	17	42
Coarse sand, gravel, large stones	10	52
Coarse brown sand and gravel	53	105
Fine sand and sandy clay	3	108
Multi-colored sandy clay, fine sand	10	118
Fine multi-colored sand, sandy clay	6	124
Fine multi-colored sand, sandy clay to coarse sand and grits	5	129
Coarse sand, some sandy clay	5	134
Coarse sand, small grits	5	139
Coarse sand, some gravel, streaks clay	6	145
Fine sand, multi-colored sandy clay	6	151
Solid clay, sandy clay, streaks coarse sand	3	154
Fine multi-colored sand, some streaks sandy clay	5	159
Solid clay, multi-colored sandy clay, fine sand	6	165
Sandy clay and small gravel	14	179
Brown sand and sandy clay and gravel	4	183
Multi-colored sand, gravel and solid clay	6	189
White sand, some clay, small grits	5	194
Fine white sand, some grits and sand	5	199
White sand, some sandy clay and gravel	14	213
Coarse brown sand, some grits	7	220
Coarse brown sand, gravel, some clay, streaks solid clay	6	226
Solid white clay, streaks sandy clay	6	232
Solid multi-colored clay	10	242

Casing: 16 inches.

Screen: 10 feet of 12 inch with bottom at 183 feet.

26 feet of 12 inch with bottom at 226 feet.

N-5994. (Continued)

Pumping test:
August 22, 1956. Duration: 4 hours
Static water level: 73 feet
Drawdown: 25 feet
Yield: 1080 gpm

N-6003. (D-5) Village of Great Neck Estates, north of North Circle and east of Private Park Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., June 4, 1957.

Log:	Thickness (feet)	Depth (feet)
Fine to medium brown sand, grits, gravel.....	22	22
Fine to coarse sand, grits, stones, clay	5	27
Fine to coarse sand, grits, stones, clay and boulders	10	37
Fine brown sand and mica	3	40
Fine to coarse brown sand, grits and gravel	7	47
Gray sand, boulders, lignite and pyrites	27	74
Red clay	2	76
Brown clay, gravel, pyrites	1	77
Fine brown sand and gravel	1	78
Gray sandy clay	3	81
Fine brown sand (boulders falling off wall)	5	86
Medium brown sand, grits, gravel, lumps of clay	3	89
Brown clay	3	92

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 92 feet.

Pumping test:
June 4, 1957. Duration: 8 hours
Static water level: 6 feet
Yield: 108 gpm

Note: Replaces N-5296 due to water being undesirable for swimming pool use.

N-6004. (B-5) Mr. Van Vechten Burger, Polo Lane and Ocean Avenue, Lawrence. Drilled by Mathies Well & Pump Co., Inc., October 23, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil	3	3
Sand and gravel	7	10
Fine sand, clay and gravel	28	38
Clay, clam shells, wood	22	60
Gravel and sand	7	67

Casing: 4 inches.

Screen: 8½ feet of 4 inch, with bottom at 68 feet.

Pumping test:
September 13, 1956. Duration: 2 hours
Static water level: 8 feet
Yield: 45 gpm

N-6007. (D-7) Joe Andrews, south of Hopper Street and east of Main Street, New Cassel. Drilled by Ted Kalmuk, September 2, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown sand	15	15

(Continued on next page)

N-6007. (Continued)	Thickness (feet)	Depth (feet)
Brown sand and grits	25	40
Very fine brown sand	26	66
Casing: 4 inches.		
Screen: 4 feet of 3¾ inch with bottom at 66 feet.		
Pumping test:		
Duration:	2	hours
Yield:	15	gpm

N-6034. (D-5) Fifth Avenue Shopping Center, south of Northern Boulevard and west of Searingtown Road, Manhasset. Drilled by C. W. Lauman & Co., Inc., December 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Fine brown and gray sand	10	10
Fine gray sand, lignite and mica	40	50
Fine gray sand, lignite, mica and clay	5	55
Brown sand and clay	2	57
Grits, gravel, boulders and brown clay	7	64
Fine to coarse sand, grits, gravel, large boulders	11	75
Heavy gravel, very large boulders, very little coarse sand	19	94
Loamy sand, silt and large boulders	16	110
Silty, loamy sand	24	134
Yellow clay, grits, sand	65	199
Yellow clay, grits and some gravel	28	227
Medium fine brown sand and grits	3	230
Medium fine brown sand, grits, some lumps clay	6	236
Grits and brown clay	5	241
Fine yellow sand	5	246
Fine to medium white sand	8	254
Fine brown sand	8	262
Medium fine gray sand	10	272
Medium fine brown sand	5	277
Fine brown sand and sandy clay	5	282
Lumps of multi-colored clay and fine brown sand	7	289
Fine gray sand and few lumps clay	5	294
Medium fine brown sand, some clay	16	310
Medium coarse brown sand, grits	3	313
Casing: 16 inches.		
Screen: 10 feet of 12 inch with bottom at 236 feet.		
35 feet of 12 inch with bottom at 276 feet.		
25 feet of 12 inch with bottom at 307 feet.		

Pumping test:		
December 20, 1956.	Duration:	8 hours
	Static water level:	153 feet
	Drawdown:	45 feet
	Yield:	953 gpm

N-6035. (D-5) Fifth Avenue Shopping Center, south of Northern Boulevard and west of Searingtown Road, Manhasset. Drilled by C. W. Lauman & Co., Inc., January 11, 1957.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel	10	10
Coarse brown sand, gravel	30	40
Fine brown sand, mica	5	45
Fine brown sand, some clay	10	55

N-6035. (Continued)

	Thickness (feet)	Depth (feet)
Sand and clay	10	65
Streaks of sand and clay	7	72
Stones imbedded in hard gray clay	1	73
Coarse gray sand, large stones, some clay	21	94
Brownish gray clay, fine grits, layers silt	23	117
Fine white sand, silt, clay and hardpan	47	164
Hardpan and clay	14	178
Fine brown sand, some clay	3	181
Medium fine brown sand	9	190
Medium fine white sand	2	192
Medium fine white sand, mica	14	206
Medium fine white sand, hardpan	3	209
White clay and sand	10	219
Fine to coarse brown sand, pieces clay	2	221
White sandy clay	8	229
Fine white sand and pieces of clay	5	234
Medium coarse sand and lumps clay	5	239
Medium coarse gray sand, grits	4	243
Medium fine gray sand	20	263
Medium coarse gray sand and grits	8	271
Coarse gray sand and grits	2	273
White clay	5	278
Medium fine gray sand, lumps clay	1	279
Multi-colored clay	4	283
Coarse gray sand, grits, some gravel	5	288
Fine to coarse white sand	5	293

Casing: 16 inches.

Screen: 17 feet of 12 inch with bottom at 210 feet.

44 feet of 12 inch with bottom at 274 feet.

10 feet of 12 inch with bottom at 294 feet.

Pumping test:

January 11, 1957.	Duration:	8 hours
	Static water level:	137 feet
	Drawdown:	22 feet
	Yield:	1068 gpm

N-6040. (C-6) Reeves Instrument Corporation, north of Zeekendorf Boulevard and east of East Gate Boulevard, Roosevelt Field. Drilled by Eastern Well & Pump Co., January 9, 1957.

Log:	Thickness (feet)	Depth (feet)
Top soil and gray clay	5	5
Brown sand, grits and gravel	8	13
Coarse light brown sand, grits, gravel, stones	4	17
Medium to coarse brown sand	30	47
Fine yellow-brown clayey sand	7	54
Fine brown sand, lumps clay, hardpan	29	83
Fine gray clayey sand, hardpan	34	117
Fine gray clayey sand	29	146
Fine brown clayey sand, hardpan	58	204
Fine to medium brown clean sand	6	210
Brown medium sand, clay lumps	5	215
Fine brown soupy sand, micaceous	57	272
Fine to medium brown sand, clay lumps	7	279
Fine to medium sand and grits	13	292
Gray clay	1	293
Fine clayey sand and mica	5	298

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N-6040. (Continued)	Thickness (feet)	Depth (feet)
Fine to medium gray sand, micaceous	2	300
Medium to coarse brown sand, lots grits	18	318
Fine gray silty sand, lots grits, micaceous	7	325
Casing: 12 inches.		
Screen: 8 feet of 8 inch with bottom at 289 feet.		
14 feet of 8 inch with bottom at 318 feet.		
Pumping test:		
January 9, 1957. Duration:	8 hours	
Static water level:	15 feet	
Drawdown:	52 feet	
Yield:	465 gpm	

N-6043. (B-7) Greater Seaford Shopping Center, Inc., north of Merrick Road and east of Kenora Place, Seaford. Drilled by Eastern Well & Pump Co., October 24, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	6	6
Medium to coarse brown sand and grit	33	39
Fine to medium sand and coarse gravel	7	46
Dark gray clayey sand at		46
Casing: 6 inches.		
Screen: 9 feet of 4 inch with bottom at 46 feet.		
Pumping test:		
October 23, 1956. Duration:	2 hours	
Static water level:	8 $\frac{3}{4}$ feet	
Drawdown:	6 $\frac{3}{4}$ feet	
Yield:	110 gpm	

N-6044. (C-7) East Meadow Car Wash Inc., south of Hempstead Turnpike and west of Front Street, East Meadow. Drilled by Mathies Well & Pump Co., Inc., January 27, 1957.

Log:	Thickness (feet)	Depth (feet)
Fill	2	2
Fine sand and heavy gravel	9	11
Sand and gravel	35	46
Coarse white sand	11	57
Casing: 4 inches.		
Screen: 5 $\frac{7}{12}$ feet of 4 inch with bottom at 57 feet.		
Pumping test:		
November 6, 1956. Duration:	2 hours	
Static water level:	32 feet	
Yield:	45 gpm	

N-6045. (C-6) Roosevelt Field, Inc., south of Old Country Road and east of Clinton Road, Roosevelt Field. Drilled by C. W. Lauman & Co., Inc., April 5, 1957.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel	60	60
Medium fine brown sand	10	70
Fine brown sand, mica	15	85

N-6045. (Continued)

	Thickness (feet)	Depth (feet)
Dark gray clay	30	115
Lignite, pyrite—90%, fine sand 10%	5	120
Fine gray sand, mica, lumps multi-colored clay and hardpan	20	140
Fine gray sand, pieces clay and hardpan	10	150
Fine gray sand, mica and layers multi-colored clay	10	160
Fine gray sand, mica, pieces clay	10	170
Fine gray sand and some clay	29	199
Fine brown sand, hardpan	10	209
Fine brown sand, mica	9	218
Fine brown sand, lumps clay, hardpan	10	228
Fine brown sand, some clay	10	238
Fine brown sand, mica and some clay	20	258
Fine gray sand	22	280
Medium fine gray sand	10	290
Medium fine gray sand, mica	10	300
Fine to coarse sand, grits and mica	4	304
Fine sand, mica, multi-colored clay	2	306
Fine to medium gray sand, mica	10	316
Fine gray sand, mica	12	328
Fine to medium gray sand, mica, hardpan, pieces clay	10	338

Casing: 16 inches.

Screen: 51 feet of 12 inch with bottom at 328 feet.

Pumping test:

December 26, 1956. Duration: 8 hours
 Static water level: 27 feet
 Drawdown: 18 feet
 Yield: 1060 gpm

N-6046. (C-6) Roosevelt Raceway, Inc., north of Meadowbrook Parkway, Westbury. Drilled by Layne-New York Co., Inc., December 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	18	18
Gray sand	44	62
Sandy clay	5	67
Fine white sand	28	95
Brown clay	35	130
Fine sand, some clay streaks	50	180

Casing: 18 and 10 inches.

Screen: 30 feet of 10 inch with bottom at 170 feet.

Pumping test:

December 10, 1956. Duration: 4 hours
 Static water level: 32 feet
 Drawdown: 31 feet
 Yield: 578 gpm

N-6058. (C-6) Leon Frankel, south of Ninth Street and west of Franklin Avenue, Garden City. Drilled by Mathies Well & Pump Co., Inc., October 28, 1956.

Log:	Thickness (feet)	Depth (feet)
Pit	11	11
Coarse sand and gravel	34	45

(Continued on next page)

N-6058. (Continued)

	Thickness (feet)	Depth (feet)
Finer sand and gravel	37	82
Gravel and yellow clay	1	83
Coarse sand and grits	8	91
Coarse sand, grits and brown clay	14	105
Yellow clay and fine sand	15	120
Black clay	51	171
Fine sand and chunks yellow clay	3	174
Lively yellow sand	9	183
Solid yellow clay	2	185
Gray clay	4	189
Fine sand and gray clay	7	196
Fine sand, brown and white clay	17	213
Yellow sand, chunks of white and yellow clay	26	239
Solid gray clay	21	260
Coarse sand, gray clay and grits	19	279
Gray clay and fine sand	10	289
Solid gray clay	21	310
Gray clay and fine sand	8	318
Coarse sand, no grits, no life	1	319
Coarse sand and grits (gray)	6	325
Coarse sand, some grits (yellow)	11	336

Casing: 6 inches.

Screen: 12 feet of 6 inch with bottom at 334 feet.

Static water level: 34 feet
Yield: 80 gpm

N-6062. (B-8) Seaford Mar Marina, Inc., north of South Seamans Neck Road and west of Beacon Street, Seaford. Drilled by J. J. Wilson, January 11, 1957.

Log:	Thickness (feet)	Depth (feet)
Beach sand	17	17
Bog	10	27
Brown coarse sand and gravel	27	54
Gray clay	10	64
Gray coarse sand, some mica and lignite	24	88

Casing: 4 inches.

Screen: 15 feet of 4 inch with bottom at 88 feet.

Pumping test:

January 10, 1957. Duration: 2 hours
Static water level: flows
Yield: 50 gpm

N-6063. (D-6) Fred De Matteis, north of I. U. Willets Road and east of Meadow Road, Old Westbury. Drilled by C. W. Lauman & Co., Inc., December 21, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	3	3
Sand and gravel	12	15
Stones, clay and sand	20	35
Sand and gravel	21	56
Fine brown sand	10	66
Sand, gravel and stones	19	85
Fine brown sand	8	93

N-6063. (Continued)

Casing: 4 inches.

Screen: 5½ feet of 4 inch with bottom at 92 feet.

Pumping test:

November 26, 1956.	Duration:	5 hours
	Static water level:	63 feet
	Drawdown:	2 feet
	Yield:	12 gpm

N-6069. (D-7) Hicksville Public Library, north of Second Street and east of Jerusalem Avenue, Hicksville. Drilled by Mathies Well & Pump Co., Inc., January 3, 1957.

Log:	Thickness (feet)	Depth (feet)
Brown sand and coarse gravel	89	89

Casing: 6 inches.

Screen: 10 feet of 6 inch, with bottom at 89 feet.

Pumping test:

January 3, 1957.	Duration:	2 hours
	Static water level:	63 feet
	Drawdown:	11 feet
	Yield:	100 gpm

N-6070. (C-7) Bernard Associates No. 2, southwest of Bellmore Avenue and Newbridge Road, North Bellmore. Drilled by Eastern Well & Pump Co., December 7, 1956.

Log:	Thickness (feet)	Depth (feet)
Medium to coarse brown sand, gravel grit	30	30

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 30 feet.

Pumping test:

December 7, 1956.	Duration:	3 hours
	Static water level:	2 feet
	Drawdown:	5 feet
	Yield:	70 gpm

N-6071. (C-8) J. Nicholson (Poultry Farm), north of Hempstead Turnpike and east of Stewart Avenue, Bethpage. Drilled by C. W. Lauman & Co., Inc., December 19, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil, loam	1	1
Coarse brown sand and gravel	30	31
Medium brown sand, lumps of clay	5	36
Fine brown sand	7	43
Sand, streaks clay	2	45
Fine brown sand	20	65
Fine brown sand and clay	21	86
Medium fine dark brown sand	10	96
Coarse brown sand, some small grits	5	101
Fine reddish-brown sand	1	102

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 102 feet.

Static water level:	31 feet
Yield:	30 gpm

N-6073. (D-5) Dean Furniture Company, south of Union Turnpike and west of Cellar Avenue, Lake Success. Drilled by C. W. Lauman & Co., Inc., December 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Loam, gravel, large stones, boulders	18	18
Grayish-brown clay and stones	10	28
Hard gray clay	8	36
Brown sandy clay, gravel and stones	27	63
Medium coarse brown sand, grits and gravel	32	95
Yellowish medium coarse brown sand, grits and gravel	11	106
Fine light brown sand, lumps clay	22	128
Medium fine yellowish brown sand	13	141
Fine brown sand, heavy lumps clay	33	161
Medium fine light brown sand, little grits, some lumps clay	18	179

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 105 feet.

Pumping test:

December 20, 1956.	Duration:	3 hours
	Static water level:	69 feet
	Drawdown:	12 feet
	Yield:	200 gpm

N-6074. (C-8) Parkmill Center, Inc., south of Carmens Road and west of Ritter Avenue, Farmingdale. Drilled by C. W. Lauman & Co., Inc., December 19, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill	8	8
Coarse brown sand and gravel	55	63
Coarse brown sand and some gravel	12	75
Fine brown hard-packed sand	1	76
Blue clay	4	80
Coarse gray sand	3	83
Fine hard-packed brown sand and small clay	13	96
Sharp gray sand, clay	4	100

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 73 feet.

Pumping test:

December 19, 1956.	Duration:	3 hours
	Static water level:	17 feet
	Drawdown:	10 feet
	Yield:	180 gpm

N-6075. (B-5) Union Free School District No. 15 (Lawrence High School), north of Rockaway Road and east of Doughty Boulevard, Lawrence. Drilled by Mathies Well & Pump Co., Inc., May 8, 1957.

Log:	Thickness (feet)	Depth (feet)
Brown-white fine sand	15	15
Fine gray sand	5	20
Brown sand and gravel	11	31
Brown fine sand	5	36
Gray clay	18	54
Fine gray sand with clay balls	3	57
Gray clay	5	62

N-6075. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand	9	71
Fine gray soupy sand	32	103
Fine gray sand with grits	8	111

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 111 feet.

Pumping test:

March 1, 1957. Duration:	8 hours
Static water level:	11 feet
Drawdown:	11 feet
Yield:	45 gpm

N-6076T. (D-8) Plainview Water District, south of Southern State Parkway and east of John Street, Plainview. Drilled by C. W. Lauman & Co., Inc., November 26, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam	3	3
Coarse brown sand, grit, gravel	30	33
Same as above, with lumps clay	39	72
Fine multi-colored sandy clay, streaks clay	4	76
Fine multi-colored sand	5	81
Fine multi-colored sandy clay	6	87
Fine multi-colored sand	4	91
Fine multi-colored sandy clay	15	106
Layers fine brown sand, sandy clay	10	116
Solid brown clay	6	122
Fine brown sand, streaks solid clay	7	129
Layers fine brown sand and sandy clay	9	138
Fine brown sand	6	144
Layers fine brown sand and sandy clay	9	153
Fine brown sand	11	164
Fine brown sand, streaks solid clay	5	169
Layers solid gray clay and sandy clay	12	181
Fine multi-colored sandy clay	9	190
Layers solid brown clay and sandy clay	5	195
Fine multi-colored sandy clay and mica	6	201
Fine brown sand, some clay	5	206
Fine multi-colored sandy clay and gray clay	11	217
Fine multi-colored sandy clay and mica	5	222
Multi-colored sandy clay, some solid clay	4	226
Multi-colored sandy clay	5	231
Layers fine brown sand, sandy clay and hardpan	6	237
Solid gray clay, some sandy clay	5	242
Fine brown sand	6	248
Fine brown sand, some sandy clay	4	252
Fine brown sand	5	257
Fine multi-colored sand, streaks clay, mica	4	261
Fine sand, streaks clay and sandy clay	6	267
Fine multi-colored sand, some sandy clay and mica	9	276
Fine sand, sandy clay, hardpan	5	281
Fine sand, streaks clay, mica, sandy clay	6	287
Solid gray clay, streaks sandy clay	4	291
Fine brown sand, some clay, mica	24	316
Very fine brown sand, some clay	5	321
Fine brown sand	9	330
Fine brown sand, streaks sandy clay	6	336

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N-6076T. (Continued)

	Thickness (feet)	Depth (feet)
Fine brown sand	5	341
Fine brown sand, some clay, streaks sandy clay	11	352
Fine brown sand, streaks solid clay	4	356
Fine multi-colored sandy clay	9	365
Fine brown sand, streaks sandy and solid clay	15	380
Fine brown sand, sandy clay, some clay	20	400
Fine multi-colored sand	10	410
Brown sand, streaks sandy clay	5	415
Fine brown sandy clay, gray clay	11	426
Fine sandy clay, layers gray clay	4	430
Layers fine sand, sandy and solid clay	6	436
Gray clay, fine brown sand	4	440
Brown sand, reddish clay, some grits	5	445
Brown sand, small grits, some sandy clay	6	451
Solid gray clay, sandy clay, layers fine sand	5	456
Fine brown sand, some clay	4	460
Medium brown sand	6	466
Layers fine gray sand and sandy clay	15	481
Fine brown sand	4	485
Fine brown sand, streaks sandy clay	6	491
Medium coarse brown sand, some clay	5	496
Very fine brown sand, some clay	4	500
Very fine gray sand, streaks sandy clay	7	507
Solid multi-colored sandy clay	8	515
Layers solid gray clay and sandy clay	11	526
Fine red sand, streaks clay	9	535
Fine gray sandy clay	6	541
Fine multi-colored sandy clay	5	546
Multi-colored sandy clay, solid clay, fine sand	5	551
Multi-colored sandy and solid clay	6	557
Multi-colored sandy clay and fine sand	4	561
Medium coarse sand and sandy clay	5	566
Multi-colored sandy clay and medium sand	4	570
Multi-colored sandy clay, medium gravel (streaks)	5	575
Coarse brown sand and gravel, solid and sandy clay	6	581
Solid clay, multi-colored sandy clay	5	586
Solid clay, layers sandy clay, fine brown sand	4	590
Medium coarse brown sand, sandy clay	5	595
Large gravel, solid clay, sandy clay	6	601
Sandy, solid clay	5	606
Solid clay, multi-colored sand	4	610
Gray clay	6	616
Fine brown sand, some grit	39	655
Layers fine brown sand and sandy clay	5	660
Fine brown sand, streaks sandy clay	6	666
Very fine sand, some sandy clay	4	670
Multi-colored clay, some sandy clay and fine sand	5	675
Solid clay, sandy clay, layers multi-colored sandy clay	6	681
Solid red clay	13	694

Note: Formation test hole only.

N-6089T. (D-5) Port Washington Water District, north of Bogart Avenue and east of Port Washington Boulevard, Port Washington. Drilled by Layne-New York Co., Inc., December 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	20	20
Clay streaks and gravel	54	74

N-6089T. (Continued)	Thickness (feet)	Depth (feet)
Coarse sand	11	85
Clay and gravel (mixed)	41	126
Sandy clay	21	147
Clay, sandy streaks	41	188
Hard gray clay and sand	57	245
Hard clay	32	277
Sand, some white clay	18	295
Hard white clay	3	298
Sand, some white clay	14	312
Sand and clay streaks	52	364
Tough clay	6	370
Hard clay and sand streaks (reddish-brown).....	24	394
Muddy red sand and clay	52	446
Clay red	10	456
Casing: 8 inches.		
Note: Formation test hole only.		

N-6091. (E-7) J. Townsend, south of Harbor View Drive and west of Centre Island Road, Centre Island. Drilled by C. W. Lauman & Co., Inc., January 11, 1957.

Log:	Thickness (feet)	Depth (feet)
Loam, hardpan	25	25
Boulders	3	28
Brown hardpan	7	35
Brown sand, small gravel	12	47
Hardpan, light clay	25	72
Brown sand, coarse grits	2	74
Brown sandy clay	2	76
Coarse brown sand	9	85
Brown sandy clay	3	88
Casing: 4 inches.		
Screen: 7 feet of 4 inch with bottom at 85 feet.		
Pumping test:		
January 17, 1957. Duration:		10 hours
Static water level:		52 feet
Yield:		10 gpm

N-6095T. (E-5) Port Washington Water District, north of Sandy Hollow Road and west of Port Washington Boulevard, Port Washington. Drilled by Layne-New York Co., Inc., January 4, 1957.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel	170	170
Gray clay	3	173
Sand and gravel	10	183
Gray clay	2	185
Sand and gravel	3	188
Clay	19	207
Fine sand, some clay and gravel	31	238
Clay	2	240
Sand and gravel	4	244
Black clay	135	379
Sand and gravel	22	401
Hard clay	14	415

Casing: 7 inches.
Note: Formation test hole only.

N-6099. (C-6) Sawyer & Dolfinger, south of Claurome Place and west of North Main Street, Freeport. Drilled by Mathies Well & Pump Co., Inc., February 7, 1957.

Log:	Thickness (feet)	Depth (feet)
Brown sand and coarse gravel	37	37

Casing: 4 inches.

Screen: 8 feet of 4 inch with bottom at 37 feet.

Pumping test:

February 6, 1957. Duration:	2 hours
Static water level:	2 feet
Yield:	75 gpm

Note: All measurements from basement floor.

N-6100. (D-7) Meadowbrook National Bank, west of Jerusalem Avenue and south of New-bridge Road, Hicksville. Drilled by Mathies Well & Pump Co., Inc., June 11, 1957.

Log:	Thickness (feet)	Depth (feet)
Top soil	1	1
Coarse brown sand, some gravel	25	26
Brown sand and gravel	69	95
Brown sand, some gravel	3	98
Brown sand, grits, some gravel	7	105

Casing: 6 inches.

Screen: 13 feet of 4 inch with bottom at 105 feet.

Pumping test:

June 11, 1957. Duration:	8 hours
Static water level:	61 feet
Drawdown:	16 feet
Yield:	120 gpm

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Owner	Well No.	Owner	Well No.
A. M. A. Corporation	N 3581	Bartender's Local No. 165	N 5758
Abel, Werner	N 4428	Batz, George M.	N 3827
Abeles, Milton, Inc.	N 3853	Beaver Dam Sports Club	N 5672
Adler, B.	N 5072	Bellmore Construction Corp.	N 3682
Aibel, Herman	N 5075	Bernard Associates No. 2	N 6070
Alarie Realty Corp. (Wedemeyer Bldg.)	N 2134	Bernard Construction Co.	N 4098
Alban, Mr. and Mrs. Charles	N 5020	Bernstein, J.	N 4258
Albertson Water District	N 3733	Bethpage Water District	N 3876
Albertson Water District	N 4327	Bethpage Water District	N 4063
Albertson Water District	N 5947	Bethpage Water District	N 4146
Allen, A.	N 4154	Beth Sholom Congregation	N 4228
Allen Manufacturing Co.	N 3991	Big Ben Food Market	N 4341
Altman, B and Co.	N 4417T	Bildner Big Ben Corp. (Lynbrook)	N 3594
Andrews, Joseph	N 6007	Bildner Big Ben Corp. (Valley Stream)	N 3833
Anselmi, Demo	N 5912	Bildner Big Ben Corp. (Plainedge)	N 4385
Apostolic Church	N 5624	Bing Realty Corp.	N 3669
Approved Sand & Stone Co. (Hicksville)	N 4431	Black, Walter J., Inc.	N 4332
Approved Sand & Stone Co. (Preferred Sand & Stone Co.—Hicksville)	N 5332	Blue Spruce Inn	N 4409
Argo Theatre	N 3192	Blum Estate	N 2566
Associated Food Stores (Valley Stream)	N 3681	Bogart, Robert W.	N 4301
Associated Food Stores (Rockville Centre)	N 4267	Bohack, H. C., Co., Inc. (Elmont)	N 2360
Associated Food Stores (Hewlett)	N 4269	Bohack, H. C., Co., Inc. (Levittown)	N 3190
Associated Food Stores (East Norwich)	N 5456	Bohack, H. C., Co., Inc. (Freeport)	N 3640
Aurora Plastics	N 4384	Bohack, H. C., Co., Inc. (Old Westbury)	N 3667
Austern, Emanuel	N 4323	Bohack, H. C., Co., Inc. (Seaford)	N 3824
Baker, George F., Jr.	N 2241	Bohack, H. C., Co., Inc. (Cedarhurst)	N 3979
Baldwin Boat Basin	N 2411	Bohack, H. C., Co., Inc. (Hicksville)	N 4050
Balmfalk, F.	N 5115		
Barclay Street Car Wash, Inc....	N 5899		

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Owner	Well No.	Owner	Well No.
Bohack, H. C., Co., Inc. (Hempstead)	N 4134	Coca-Cola Bottling Company.....	N 3925
Bohack, H. C., Co., Inc. (Valley Stream)	N 5583	Cohen, Joseph H.	N 4218
Boos, Jacob, Jr.	N 2610	Cohen, Philip & Sons	N 4210
Borden Co.	N 3887	Colonial Sand & Stone Co. (Garden City Park)	N 2584
Botsch, Henry	N 2188	Colonial Sand & Stone Co. (Port Washington)	N 3311
Brilhardt, Arnold, Ltd.	N 2230	Colonial Sand & Stone Co. (Port Washington)	N 4125
Bring, A.	N 3653	Congregation Sons of Israel	N 4257
Brokaw, C. V.	N 5188	Consolidated Lithographing Corp.	N 3649T
Brooks, Mrs. A. C.	N 5433	Corte's Restaurant	N 4176
Brownstein, Sidney M.	N 5280	County Line Shopping Center....	N 5349
Butler, Sidney G. M.	N 4014	Covell Associates Co.	N 5685
Butterwick, George	N 2186	Cove Theatre	N 2847
Calderone-Mineola Theatre Corp.	N 2399	Crestwood Dairy Inc.	N 5593
Calderone Theatre	N 3150	Dans Supreme Super Market, Inc.	N 4233
Carle Place Water District	N 2747	Davidson, Ellis	N 4507
Carle Place Water District	N 4206	Davis, Arthur	N 3982
Cassullo, J. L.	N 2924	Dean Furniture Co.	N 6073
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Certified Redi-Mix Co., Inc.....	N 5901	Di Girolamo, M.	N 5765
Cirenzia Inc.	N 3469	Doctors Hospital	N 4815
Citizens Water-Supply Company of Newtown	N 2214	Dogwood Realty (Bohack Store)	N 5409
Citizens Water-Supply Company of Newtown	N 3443	Donnelly, D.	N 5434
Citizens Water-Supply Company of Newtown	N 4388	Dyckman Laundry, Inc.	N 4432
Citizens Water-Supply Company of Newtown	N 5884	E. D. J. Realty Corp. (Massa- pequa Park Market)	N 4038
Clausen, Ralph	N 3981	Eagle Construction Co.	N 3912
Clurman, Will	N 3246		

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East Meadow Car Wash, Inc.....	N 6044	Fourtown Realty Corp. (Freeport Theatre)	N 2215
East Meadow Water District	N 4448	Frankel, Abraham	N 5131
East Meadow Water District	N 5319	Frankel, Leon	N 6058
East Meadow Water District	N 5322	Franklin National Bank, The (Franklin Square)	N 5643
Elsinger, Herbert	N 5031	Franklin National Bank, The (Farmingdale)	N 5750
Empress Diners, Inc.	N 4789	Franklin National Bank, The (Rockville Centre)	N 5853
Engel, Joseph	N 3976	Franklin Shops, Inc.	N 4452
Ernwein, Harry	N 4199	Franklin Square Department Store	N 3820
Fairechild Camera & Instrument Corp.	N 3838	Franklin Square National Bank..	N 2259
Fairechild Camera & Instrument Corp.	N 3860	Franklin Square Water District	N 3603
Fairlanes, The, Inc.	N 4640	Franklin Square Water District	N 3605
Farmingdale Federal Loan & Savings	N 3990	Fraser, Mrs. R. W.	N 4424
Feger, William G.	N 2203	Fraser, T. M.	N 2567
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Ferrels, W.	N 4078	Freeport, Village of	N 5696
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Fifth Avenue Shopping Center ..	N 6035	Frostland	N 4201
Fireproof Realty Corp.	N 5757	Garden City, Incorporated Village of	N 3881
First Federal Savings & Loan Association	N 4153	Garden City, Incorporated Village of	N 3934
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Fluewellen, Lester	N 4053	Garden City Company, The (Lord & Taylor)	N 5582
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Food Fair Stores, Inc. (Franklin Square)	N 3800		
Food Fair Stores, Inc. (Great Neck)	N 3801		

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Geracci, J.	N 4175	Grumman Aircraft	N 5305
Geralamo, John	N 3760	Grumman Aircraft	N 5306
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Gimpel, David	N 5940	H. O. Penn Machinery	N 4410
Glen Cove, City of	N 5686	Hadden, Mrs. Joanna	N 4593
Glen Cove, Community Hospital of	N 5994	Halgren, Dr. C. C.	N 3350
Glen Head Country Club	N 2616	Harges, Michael	N 4460
Glen Oaks Club, Inc.	N 2576	Harris, P.	N 2421
Goldberg, George	N 5895	Health Insurance Plan of Greater New York	N 5663
Goldberger, Charles	N 4542	Hempstead, Town of	N 3570
Gonsale Plating Co.	N 5397	Hempstead, Incorporated Village of	N 3668
Good Humor Corp.	N 4576	Hempstead, Incorporated Village of	N 4425
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Grand Union Co., The (Great Neck)	N 5542	Hempstead General Hospital	N 5457
Grand Union Stores (Mineola)....	N 4426	Hempstead-Hempstead Gardens Water District	N 5260
Grand Union Stores (Rockville Centre)	N 4558	Hempstead High School	N 4126
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		Hicksville Water District	N 3553
		Hicksville Water District	N 3877T

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Hills Super Markets, Inc. (Seaford)	N 5158	Jamison Plastics	N 4300
Hills Super Markets, Inc. (Albertson)	N 5208	Jarco Metal Products Corp.	N 4382
Hills Super Markets, Inc. (Lakeview)	N 5900	Jasco Aluminum Products Corp.	N 4151
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Horst, H.	N 2192	Jericho Water District (Wheatley)	N 3474
Hunter Douglas Corp.	N 2227	Jericho Water District (Locust Grove)	N 4133
Imperatti, Alfred	N 3879	Jericho Water District (Jericho)	N 4245
Inwood Country Club	N 5334	Jericho Water District (Jericho)	N 4246
Iselin, Oliver H.	N 3535	Jericho Water District (Glen Head)	N 5201
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Jamaica Sash & Door Co.	N 4074	Kahn, M.	N 3826
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Jamaica Water Supply Co. (Floral Park)	N 4077	Katz, Harry, Floor Coverings, Inc.	N 5197
Jamaica Water Supply Co. (Franklin Square)	N 4120T	Kaufman, Walter	N 3565
Jamaica Water Supply Co. (Floral Park)	N 4298	Keen Shopping Center	N 4138
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King Kullen Grocery Co., Inc. (East Meadow)	N 4044	Levitt & Sons, Inc. (Hicksville)..	N 3582
King Kullen Grocery Co., Inc. (Mineola)	N 4144	Levitt & Sons, Inc. (Levittown) ..	N 3584
King Kullen Grocery Co., Inc. (Plainview)	N 5026	Levitt & Sons, Inc. (Levittown) ..	N 3618
King Kullen Grocery Co., Inc. (Baldwin)	N 5989	Levitt & Sons, Inc. (Hempstead) ..	N 3634
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Kohler Brothers	N 3568	Lido-Point Lookout Water District	N 5227
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Korvette Westbury, Inc.	N 5664	Linaco Building Corp.	N 3907
Kosel Brothers	N 2464	Locust Grove Conduit Corp.	N 3569
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Long Island Water Corp. (Valley Stream)	N 3781	Manhasset-Lakeville Water Dis- trict (Manhasset)	N 5528
Long Island Water Corp. (Roosevelt)	N 3832	Manhasset-Lakeville Water Dis- trict (Manhasset)	N 5710
Long Island Water Corp. (Malverne)	N 3937	Marino, S.	N 5069
Long Island Water Corp. (Baldwin)	N 4132	Mar-Lin Management Corp.	N 3977
Long Island Water Corp. (Lynbrook)	N 4393	Marmorale, Frank	N 4440
Long Island Water Corp. (Malverne)	N 4394	Massapequa Fire District	N 4018
Long Island Water Corp. (Atlantic Beach)	N 4405	Massapequa Market, Inc.	N 4271
Long Island Water Corp. (Lynbrook)	N 4411	Massapequa Water District	N 4401T
Long Island Water Corp. (Lynbrook)	N 5121	Massapequa Water District	N 5703
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Long Island Water Corp. (Roosevelt)	N 5187	Mays Department Store	N 5300
Long Island Water Corp. (South Hempstead)	N 5653	McGregor, R. R.	N 5776
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Mallow Food Corp. (Associated Food Stores)	N 4127	Meadowbrook National Bank (Hicksville)	N 6100
Manda Realty Co., Inc.	N 4678	Meadowbrook National Bank of Freeport	N 4430
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Manhasset-Lakeville Water Dis- trict (Lake Success)	N 3905	Mercy Hospital Association.....	N 5030
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		Merson, David	N 5546
		Messinger, A.	N 4274
		Metalab Equipment Corp.	N 3964
		Michaels Fair-Mart Food Stores, Inc.	N 5080
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		Mid-Island Shopping Center	N 5594

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Milleridge Inn	N 4548	New York City—Dept. of Water Supply, Gas and Electricity	N 5803
Mincola, Village of	N 3185	New York City—Dept. of Water Supply, Gas and Electricity	N 5929
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Monaco Surf Club (Harry Firester)	N 5233	New York Telephone Co.	N 3685
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Nahas Rug Co.	N 5008	New York Water Service Corp. (Merrick)	N 3437
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Nassau County (Nassau County Park)	N 2923	New York Water Service Corp. (North Wantagh)	N 3780
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Nassau County Dept. of Public Works (East Meadow)	N 5667	New York Water Service Corp. (North Bellmore)	N 5259
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Nassau Hebrew Congregation of Rockville Centre	N 4483	New York Water Service Corp. (Glen Cove)	N 5762
Nassau Manor Corp.	N 5429	New York Water Service Corp. (Wantagh)	N 5767
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North Shore Country Club	N 4462	Polytechnic Institute of Brooklyn	N 5906
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Oberle, Emil	N 4012	Port Washington Water District	N 5209
Oceanside Properties, Inc.	N 5919	Port Washington Water District	N 5210
Olton Realty Corp.	N 4214	Port Washington Water District	N 5228
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Oyster Bay, Town of	N 5705	Port Washington Water District	N 6089T
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Oyster Bay Water District.....	N 3561	Pospl, Pauline	N 3619
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Park Theatre	N 3182	Rains, H. H.	N 5608
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Pine Hollow Country Club	N 4760	Rockville Centre, Incorporated Village of	N 5193
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Roslyn Water District	N 2400	Seaford Fire District	N 3611
Roslyn Water District	N 4265	Seaford Mar-Marina, Inc.	N 6062
Roslyn Water District	N 4623	Seamen & Eiseman, Inc.	N 5681
Roslyn Water District	N 5852	Sears Roebuck & Co.	N 4335
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Ross, John	N 5419	Seligman, Walter	N 5431
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Rubinstein, Helena, Inc.	N 5708	Shelbourne Grand Hotel	N 5768
Rubinstein, Helena, Inc.	N 5883	Sheridan Bowling Academy	N 5897
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Sun Oil Co.	N 3831	Union Free School District No. 23 (Massapequa)	N 4329
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Temple Gates of Zion & Valley Stream Jewish Center	N 5167	United States Geological Survey (Hewlett Bay Park)	N 3866
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Tepe, Otto	N 4111	United States Geological Survey (Freeport)	N 4150
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Wantagh Fire District	N 3871	West Hempstead-Hempstead Gardens Water District	N 4118
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Wantagh Fire District	N 3919	Whelan Drug Store	N 4419
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REPORTS DEALING WITH GROUND-WATER CONDITIONS IN NEW YORK
PUBLISHED BY
THE NEW YORK STATE WATER POWER AND CONTROL COMMISSION

BULLETINS:

- *GW- 1. Withdrawal of Ground Water on Long Island, N. Y. (1936)
D. G. Thompson and R. M. Leggette
- GW- 2. Engineering Report on the Water Supplies of Long Island (1937)
Russell Suter
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